

TOMAHAWK

Models 8500, 8550 Dual Chop

Parts List



8500 – from Serial No: 31325

8550 Dual Chop – from Serial No: 11170

Serial No: _____



Owners Club
Registration

SAFETY FIRST!

1. **READ THE INSTRUCTION BOOK THOROUGHLY** before attempting to operate or carry out any maintenance on the machine. If you do not understand any part of this manual, ask your dealer for assistance.
2.  **ALWAYS CARRY OUT SAFE MAINTENANCE.** Never clean, adjust or maintain the machine until the engine has been stopped, the machine come to rest, the PTO disengaged and the key removed.
3.  **NEVER WORK UNDER A MACHINE RAISED ON THE 3-POINT LINKAGE** unless it is securely supported.
4. **NEVER OPERATE THE MACHINE WITH ANY PARTS OR GUARDS MISSING.** Check that all guards including the PTO shaft guards are in good condition and in place before operating the machine.
5. **OPERATE SAFELY.** Before starting work, check that there are no persons or animals in the immediate vicinity of the machine or tractor. Always maintain full control of the tractor and machine. Ensure that you know how to stop the tractor and machine quickly in case of emergency.
6. **SECURE THE PTO GUARD BY MEANS OF CHECK CHAINS** to suitable points on the tractor and machine to prevent the outer plastic shield from rotating.
7. **NEVER STAND BETWEEN THE MACHINE AND THE TRACTOR WHEELS.**
8. **DO NOT WEAR LOOSE OR RAGGED CLOTHING**
9. **BEWARE OF DUST.** Under dusty conditions, keep the cab windows and doors closed. The use of a dust mask conforming to EN149 is strongly recommended.
10. **BEWARE OF HIGH NOISE LEVELS.** Some tractor/implement combinations give noise levels in excess of 90dB at the operator's ear. Under such circumstances, ear defenders should be worn. Keep cab windows and doors closed to reduce noise level.



Throughout this handbook, the term 'tractor' is used to refer to the power source used to drive the machine. It does not necessarily refer to a conventional agricultural tractor.

HEALTH AND SAFETY AT WORK

Our equipment is designed so as to conform with current Health & Safety Regulations and therefore poses no significant hazard to health when properly used. Nevertheless, in the interests of all concerned, it is essential that equipment of our manufacture is used in accordance with the instructions that are supplied or are available from our Technical Staff.

Legislation requires that all operators are instructed in the safe operation, cleaning and maintenance of equipment and machines. This handbook forms part of that instruction and it must be read and understood before fitting the machine onto the tractor or attempting to use it.

Your supplier is responsible for carrying out any necessary pre-delivery inspection, fitting the machine onto the tractor and test running. The supplier must also give instruction in the safe use, maintenance and adjustment of the machine.

In the interests of safety, please ensure that the instructions referred to above are brought to the attention of all your employees who are to use the equipment. We recommend that the use of this equipment is restricted to capable trained operatives. Persons under the age of sixteen should not operate the machine and should be kept away from where it is being used.

WARRANTY

The standard warranty is for 12 calendar months against faulty materials and workmanship. Components supplied as part of the original machine, but manufactured by another company, e.g. PTO shafts, wheels etc., are subject to the original manufacturer's conditions and warranty.

Where repairs are carried out under warranty:-

- a) Claims for the fitting of non original parts will not be considered unless prior agreement has been obtained.
- b) The repairer must be advised that the work is to be the subject of a warranty claim beforehand.

c) Any claim must be submitted within four weeks of the repair.

d) The damaged parts must be retained for inspection and returned carriage paid if required.

The right to withdraw warranty is reserved if:-

- a) Non-original parts are fitted.
- b) The machine has been abused, badly maintained or used for purposes other than that for which it was designed.

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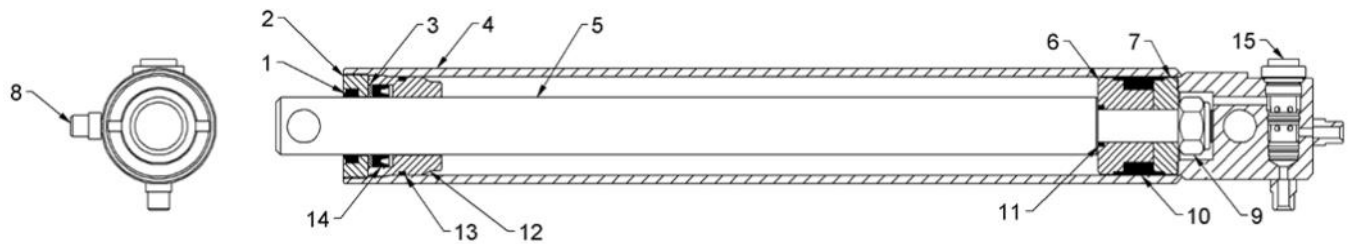
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TAILGATE RAM (With Pilot Operated Check Valve)

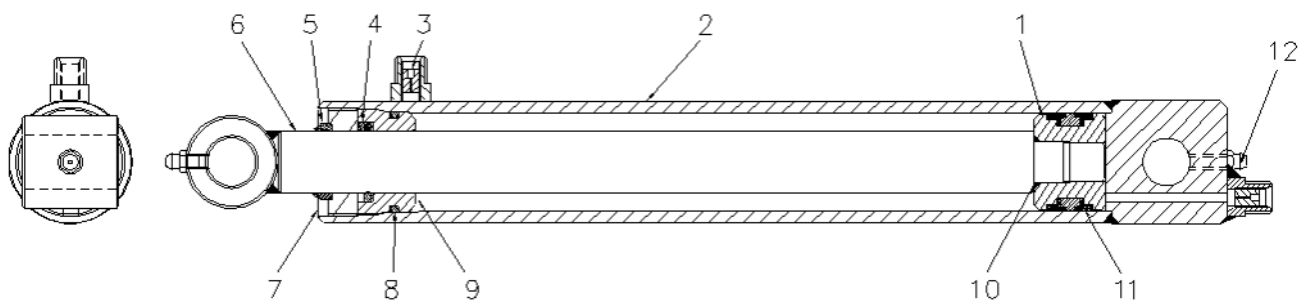
Closed centres 571, Open centres 971, Stroke 400



Ref.	Description	Part No.	Q'ty.	Ref.	Description	Part No.	Q'ty.
	Ram assembly	CYL1135	2	8	Restrictor 1.3mm	HYD1746	1
	Seal kit (items 1,10,11,13 & 14) (Check valve seals not included, see item 16)	HYD4813	1	9	Locknut M20	FAS2336	1
1	Wiper seal	HYD4517	1	10	Seal	HYD4498	1
2	Wiper seal housing	CYL1004	1	11	"O" ring	HYD4007	1
3	Rod seal backup ring	DC1233	1	12	Rod seal housing	CYL1137	1
4	Cylinder assembly	CYL1136	1	13	"O" ring	HYD4050	1
5	Piston rod	CYL1067	1	14	"U" packing	HYD4327	1
6	Piston body	CYL1138	1	15	Pilot operated check valve	CYL1128	1
7	Piston end	CYL1139	1	16	Check valve seal kit (Not Shown)	HYD4870	1

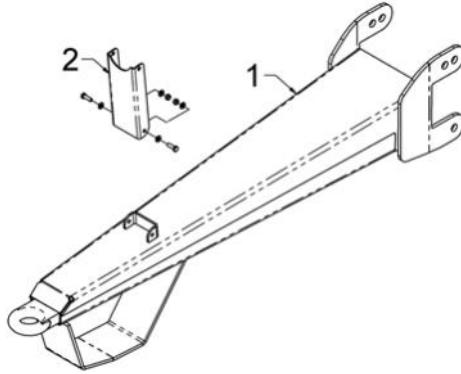
CHUTE RAM

Closed centres 386, Open centres 642, Stroke 256

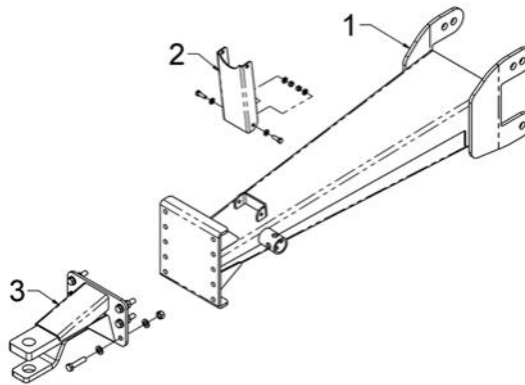


Ref.	Description	Part No.	Q'ty.	Ref.	Description	Part No.	Q'ty.
	Ram assembly	CYL1084	1	6	Piston rod	CYL1083	1
	Seal kit (items 4, 5, 8 & 10)	HYD4860	1	7	Wiper seal housing	CYL1077	1
1	Piston	CYL1075	1	8	"O" Ring B.S. 216	HYD4039	1
2	Cylinder body	CYL1082	1	9	Rod seal housing	CYL1076	1
3	Restrictor 0.8mm dia.	HYD1746	2	10	"O" ring B.S. 017	HYD4033	1
4	Rod seal 25mm	HYD4496	1	11	Piston seal 40mm dia.	HYD4431	1
5	Wiper seal 16mm	HYD4524	1	12	Grease nipple 1/4" BSF	BRG5004	2

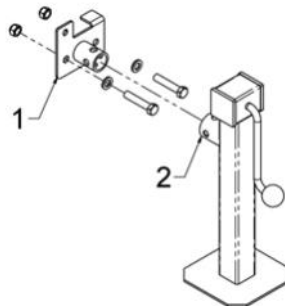
DRAWBARS & JACK



Ref.	Description	Part No.	Q'ty.	Associated components	Part No.	Q'ty.
	Fixed drawbar kit (comprising all items)	SC3825	1			
1	Drawbar	SC3801	1			
2	PTO rest	SC4034	1	Setscrew M8 x 25 Plain washer M8 Locknut M8	FAS2629P FAS2343P FAS2332	2 4 2

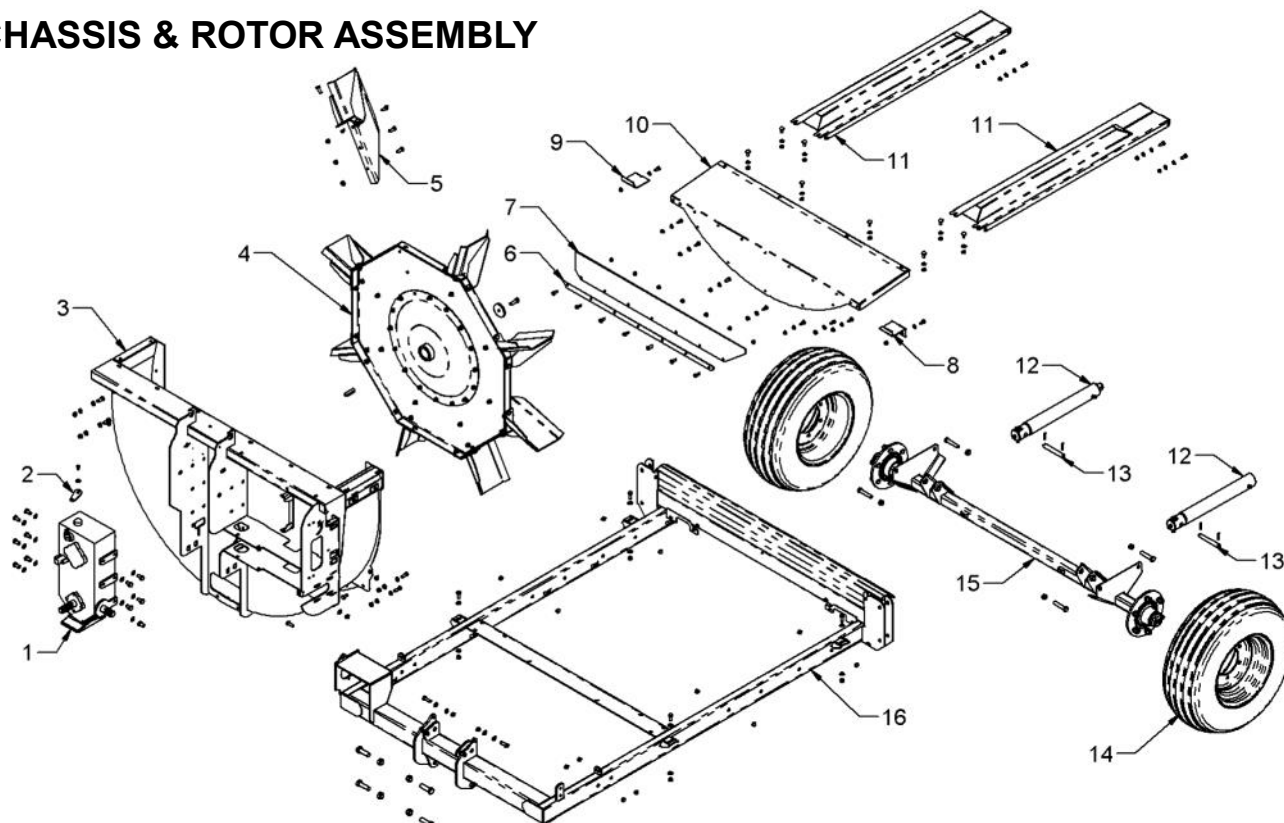


Ref.	Description	Part No.	Q'ty.	Associated components	Part No.	Q'ty.
	Clevis drawbar kit (comprising all items)	SC4068	1			
1	Drawbar beam	SC3838	1			
2	PTO rest	SC4034	1	Setscrew M8 x 25 Plain washer M8 Locknut M8	FAS2629P FAS2343P FAS2332	2 4 2
3	Clevis	SC3665	1	Bolt M12 x 55 Plain washer M12 Locknut M12	FAS9683P FAS2345P FAS2334	6 12 6



Ref.	Description	Part No.	Q'ty.	Associated components	Part No.	Q'ty.
	Jack kit (comprising all items)	SC4069	1			
1	Jack Socket	SC4916	1	Bolt M16 x 80 Plain washer M16 Locknut M16	FAS9711P FAS2346P FAS2335	2 2 2
2	Jack	SC1421	1			

CHASSIS & ROTOR ASSEMBLY



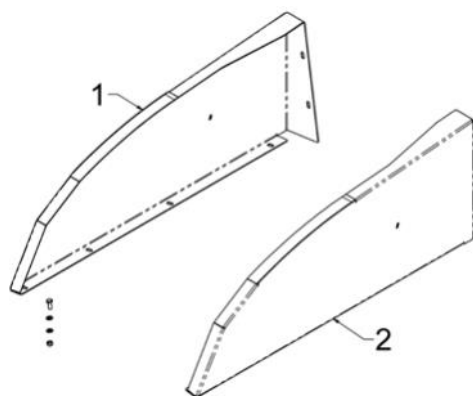
Ref.	Description	Part No.	Q'ty.	Associated components	Part No.	Q'ty.
1	Gearbox - Comer	SC4100	1	Setscrew M14 x 25	FAS2699P	11
	Gearbox - GB Gearboxes	SC4170	1	Shakeproof washer M14	FAS9206P	11
	Gearbox - BIMA	SC5000	1			
2	Gear change lever - Comer	SC3971	1	Setscrew M8 x 16	FAS2625P	1
	Gear change lever - GB	SC4259	1	Plain washer M8 Form G	FAS2343GP	1
	Gear change lever - BIMA	SC5007	1			
3	Lower rotor housing	SC5220	1	Setscrew M12 x 30	FAS2678P	4
				Setscrew M12 x 35	FAS2679P	1
				Plain washer M12	FAS2345P	9
				Locknut M12	FAS2334	5
	Rotor c/w paddles (comprising items 4 - 5)	SC4617	1			
4	Rotor - bare	SC4502	1	Setscrew M14 x 50	FAS2697P	1
				Washer 75 x 15 x 10mm	FAS4805P	1
				Key 18 x 11 x 70mm	FAS8128	1
5	Paddle	SC4616	8	Setscrew M12 x 30	FAS2678P	40
				All metal locking nut M12	FAS2319	40
6	Clamp plate	SC4621	1	Setscrew M10 x 25	FAS2654P	7
				Locknut M10	FAS2333	7
7	Seal strip - heavy duty	SC4667	1			
8	Front plate LH	SC4646	1	Setscrew M10 x 20	FAS2652P	1
				Plain washer M10	FAS2344P	1
				Locknut M10	FAS2333	1
9	Front plate RH	SC4647	1	Setscrew M10 x 20	FAS2652P	1
				Plain washer M10	FAS2344P	1
				Locknut M10	FAS2333	1
10	Front under floor panel	SC4608	1	Cup Square Bolt M10 x 25	FAS9262P	4
				Setscrew M10 x 20	FAS2652P	7
				Plain washer M10	FAS2344P	11
				Locknut M10	FAS2333	11
11	Outer lower panel	SC3613	2	Cup square bolt M10 x 25	FAS9262P	4
				Setscrew M10 x 25	FAS2654P	4
				Plain washer M10	FAS2344P	12
				Locknut M10	FAS2333	8

Ref.	Description	Part No.	Q'ty.	Associated components	Part No.	Q'ty.
12	Tailgate ram - metric	CYL1135	2			
13	Axle pivot pin	SC3296	2	Spring tension pin 8 x 40	FAS4131S	4
14	Wheel 10/75 x 15.3 - 6 stud Wheel 12.5 x 15	WE1105 WE1121	2 Opt			
15	Axle 1900mm	SC4618	1	Bolt M16 x 80 Locknut M16	FAS9711P FAS2335	4 4
16	Chassis	SC4732	1	Plastic round insert Bolt M20 x 65 Locknut M20 Setscrew M12 x 30 Setscrew M12 x 35 Setscrew M12 x 40 Plain washer M12 Locknut M12	SC4215 FAS9733P FAS2336 FAS2678P FAS2679P FAS2680P FAS2345P FAS2334	12 4 4 2 2 2 12 6

DECALS

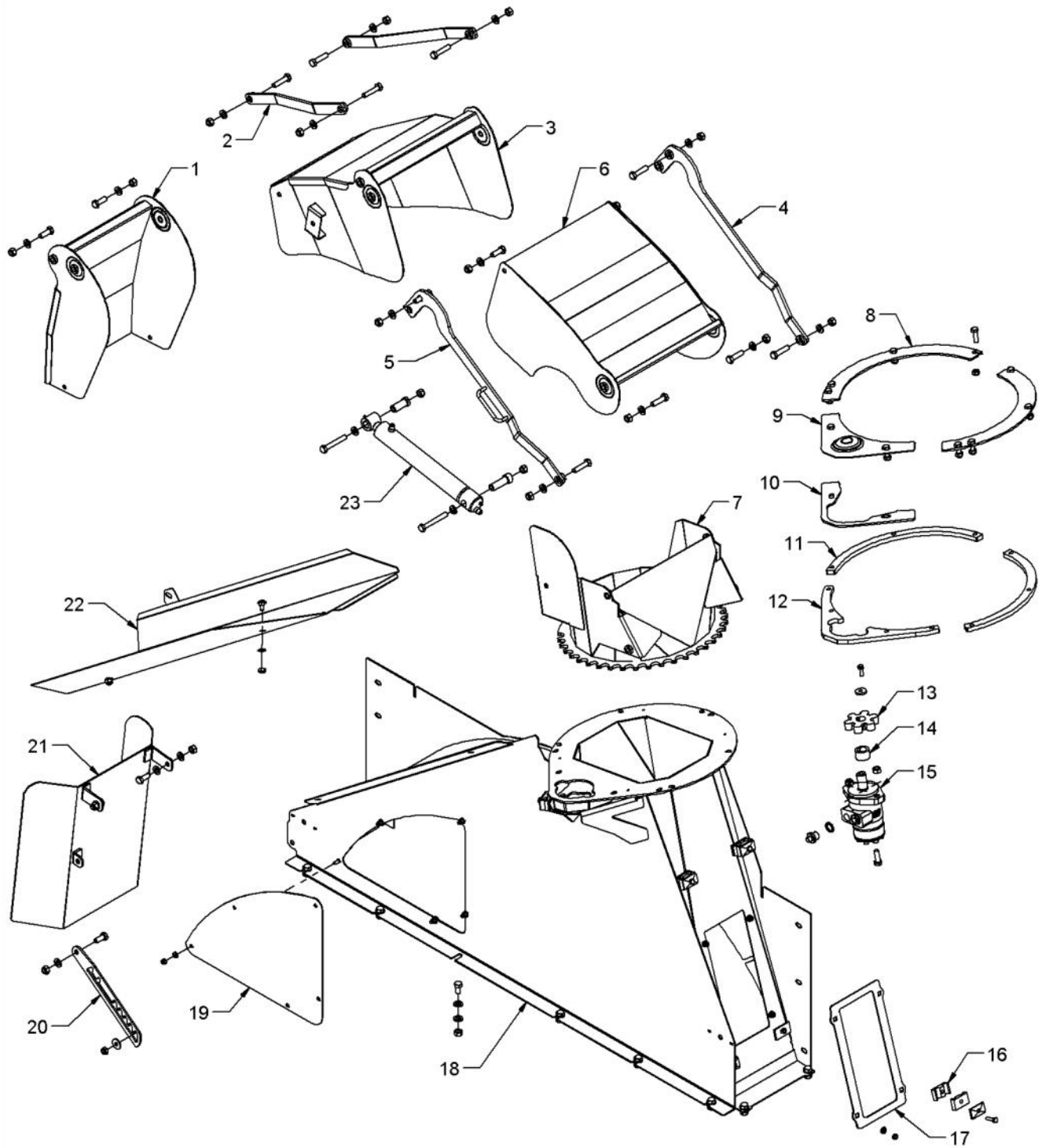
Description	Part No.	Q'ty.	Description	Part No.	Q'ty.
Teagle	DL1320	3	Blockage removal tool	DL1070	1
Teagle	DL1220	1	Gearbox speed	DL1073	1
Tomahawk	DL1321	2	Bed chain speed indicator	DL1081	1
Dual chop	DL1330	2	Hydraulic oil pressure	DL1099	1
Swish LH	DL1328	1	Oil flow rate & direction	DL1109	1
Swish RH	DL1329	1	Tighten wheel nuts	DL1209	2
8500	DL1324	2	Shear bolt strength 8.8	DL1395	1
8550	DL1325	2	Shear bolt strength 10.9	DL1396	1
Warning - read instruction book	DL1006	1	Chute position arrow	DL1410	1
PTO speed 540 RPM	DL1012	1	Chute position arrow short	DL1411	1
Fingers being severed	DL1033	2	Bluetooth symbol	DL1412	1
Do not permit riders	DL1036	1	Serial number Plate - T8500	DL2054	1
Thrown objects	DL1039	1	Serial number plate - T8550	DL2055	1
Crushed body	DL1041	2	Pop rivets	FAS9069	2

EXTENSION SIDES



Ref.	Description	Part No.	Q'ty.	Associated components	Part No.	Q'ty.
	Extension sides kit (comprising all items)	SC4594	1			
1	Extension side LH	SC4753	1	Setscrew M12 x 30 Plain washer M12 Locknut M12	FAS2678P FAS2345P FAS2334	4 8 4
2	Extension side RH	SC4754	1	Setscrew M12 x 30 Plain washer M12 Locknut M12	FAS2678P FAS2345P FAS2334	4 8 4

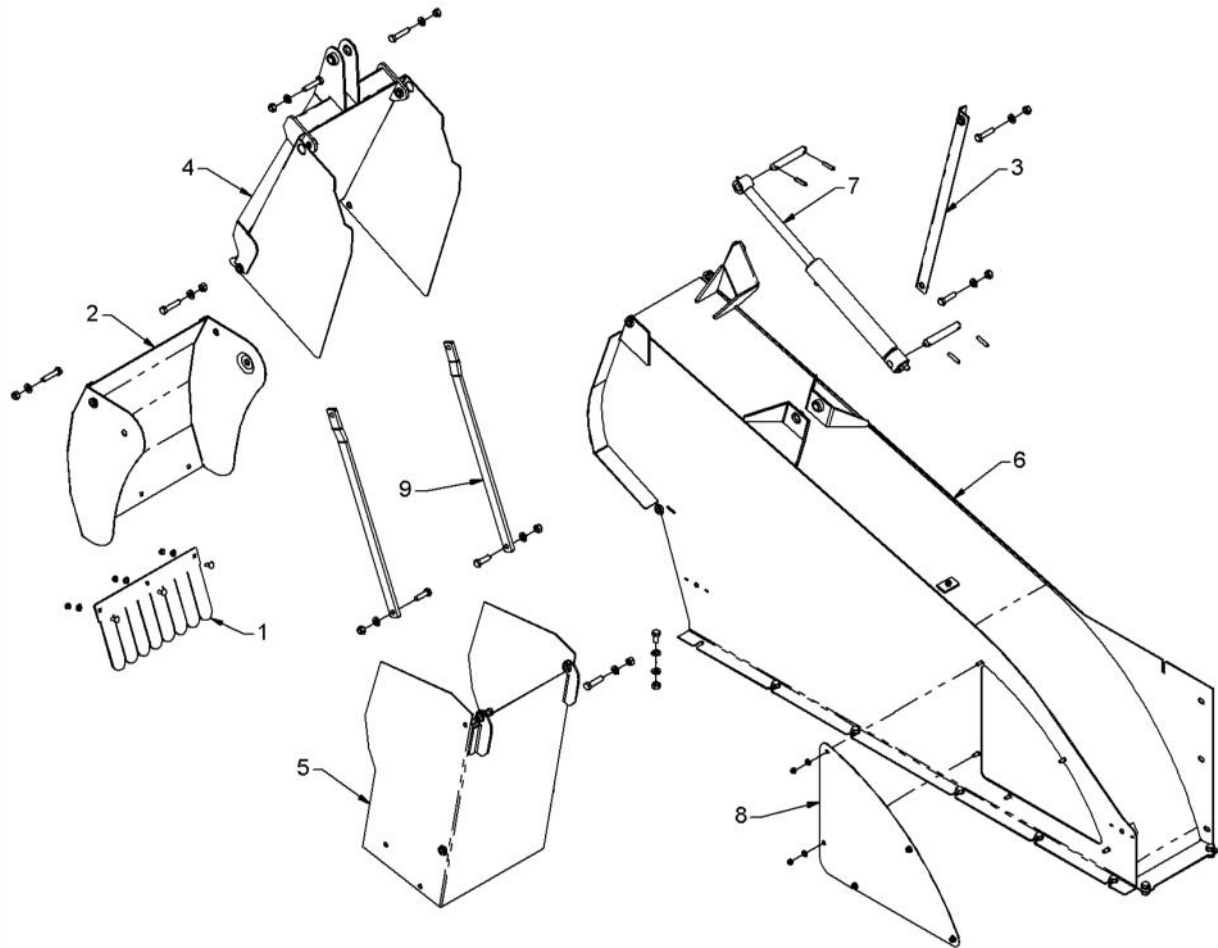
SLOPING FLANGE GIRAFFE CHUTE & HOUSING



Ref.	Description	Part No.	Q'ty.	Associated components	Part No.	Q'ty.
	Top housing kit (comprising items 1 - 9 & 13 - 22)	SC5204	1			
	Hinged feed slide kit (Comprising Items 10 - 12)	SC5208	1			
	Swivel chute motor assembly (comprising items 16 - 18)	SC3775	1			
1	End deflector	SC4044	1	Setscrew M12 x 35 Plain washer M12 Locknut M12	FAS2679P FAS2345P FAS2334	2 2 2
2	Top link	SC4047	2	Bolt M12 x 50 Bolt M12 x 55 Plain washer M12 Locknut M12	FAS9682P FAS9683P FAS2345P FAS2334	2 2 4 4

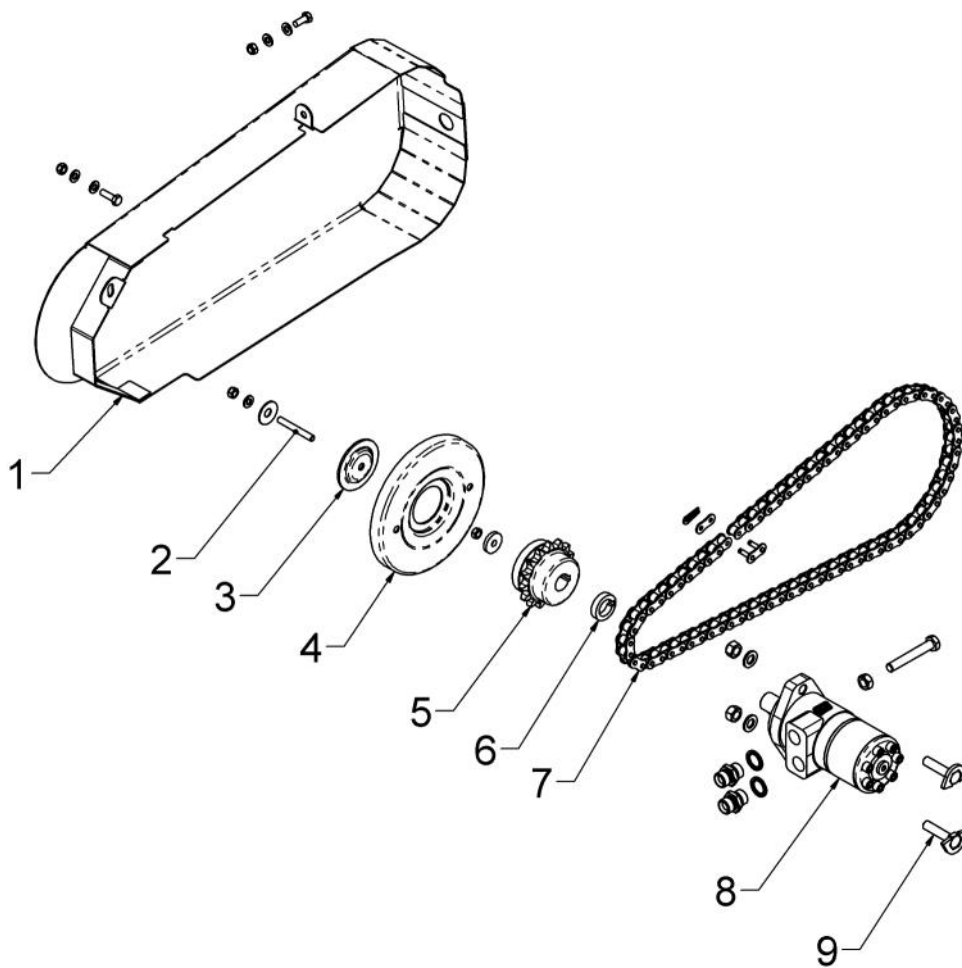
Ref.	Description	Part No.	Q'ty.	Associated components	Part No.	Q'ty.
3	Mid deflector	SC4043	1	Bolt M12 x 45 Plain washer M12 Locknut M12	FAS9681P FAS2345P FAS2334	2 2 2
4	Lower link LH	SC4046	1	Bolt M12 x 50 Plain washer M12 Locknut M12	FAS9682P FAS2345P FAS2334	2 2 2
5	Lower link RH	SC4330	1	Bolt M12 x 50 Plain washer M12 Locknut M12	FAS9682P FAS2345P FAS2334	2 2 2
6	Lower deflector	SC4042	1	Setscrew M12 x 35 Plain washer M12 Locknut M12	FAS2679P FAS2345P FAS2334	2 2 2
7	Swivel chute base	SC4221	1			
8	Clamp segment	SC4332	2	Setscrew M10 x 35 Locknut M10	FAS2656P FAS2333	8 8
9	Motor cover	SC4333	1	Setscrew M10 x 35 Plain washer M10 Locknut M10	FAS2656P FAS2344P FAS2333	2 2 2
10	Motor cover spacer	SC4376	1			
11	Spacer segment - small	SC3707	2			
12	Spacer segment - large	SC3708	1			
13	Gear - 25mm shaft	SC4208	1	Setscrew M8 x 25 Plain washer 30 x 8 x 5 Spring washer M8	FAS2629P FAS2408P FAS2353P	1 1 1
14	Spacer	SC4209	1			
15	Hydraulic motor 200cc	HYD5232	1	Setscrew M12 x 35 Plain washer M12 Locknut M12 Bonded seal 1/2" BSP M/M union 1/2" x 1/4" BSP Key 8 x 7 x 30mm Seal Kit - Brevini (SAM)	FAS2679P FAS2345P FAS2334 HYD4204 HYD1114 FAS8134 HYD4891	2 2 2 2 2 1 1
16	Hose clamp 8500 8550	HYD1960	5 7	Setscrew M8 x 35 Bolt M8 x 65 (8550)	FAS2631P FAS9637P	5 2
17	Inspection panel	SC5226	1	Plain washer M8 Locknut M8	FAS2343P FAS2332	4 4
18	Housing top	SC5225	1	Grease nipple 1/4" BSF Setscrew M12 x 35 Plain washer M12 Locknut M12	BRG5004 FAS2679P FAS2345P FAS2334	4 8 16 8
19	Upper inspection panel	SC3909	1	Plain washer M8 Locknut M8	FAS2343P FAS2332	5 5
20	Latch arm	SC4585	1	Plain washer M10 Plain washer M10 form G Locknut M10	FAS2344P FAS2344GP FAS2333	2 1 2
21	Lower feed slide	SC4335	1	Setscrew M12 x 30 Plain washer M12 Locknut M12	FAS2678P FAS2345P FAS2334	2 6 3
22	Upper feed slide	SC5227	1	Cup square bolt M10 x 20 Plain washer M10 Locknut M10	FAS9261P FAS2344P FAS2333	2 2 2
23	Inclined chute ram	CYL1084	1	Pivot bush - deflector Bolt M12 x 80 Pivot bush - ram body Bolt M12 x 90 Plain washer M12 Locknut M12	SC3297 FAS9688P SC4048 FAS9690P FAS2345P FAS2334	1 1 1 1 2 2

RIGHT HAND CHUTE & HOUSING



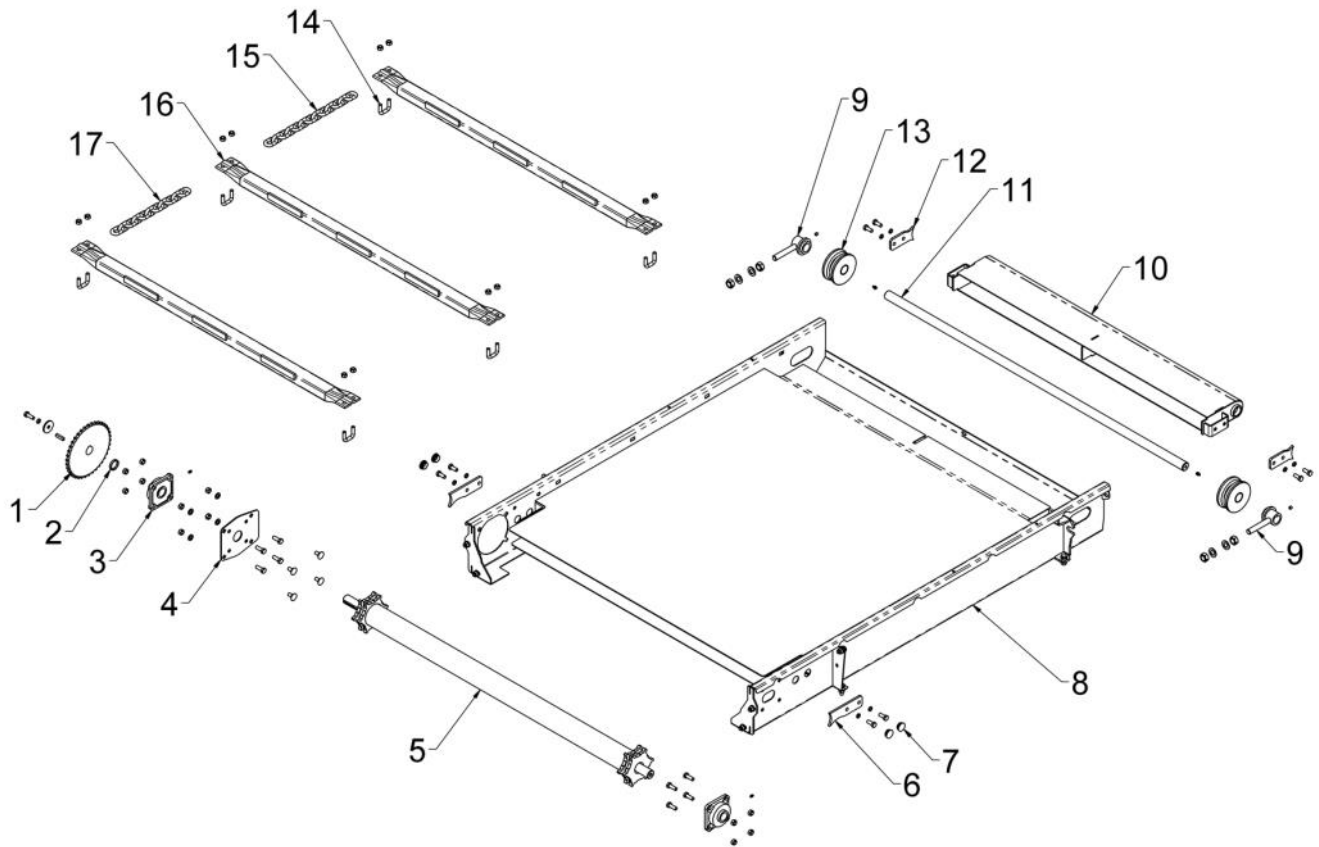
Ref.	Description	Part No.	Q'ty.	Associated components	Part No.	Q'ty.
	Right hand chute kit (comprising all items)	SC5205	1			
1	Deflector strip	SC3179	1	Cup square bolt M8 x 20	FAS9241P	3
				Plain washer M8	FAS2343P	3
				Locknut M8	FAS2332	3
2	Deflector	SC5233	1	Bolt M12 x 55	FAS9683P	2
				Plain washer M12	FAS2345P	2
				Locknut M12	FAS2334	2
3	Connecting link - top	SC3627	1	Bolt M12 x 50	FAS9682P	1
				Bolt M12 x 45	FAS9681P	1
				Plain washer M12	FAS2345P	2
				Locknut M12	FAS2334	2
4	Upper chute	SC5232	1	Bolt M12 x 55	FAS9683P	2
				Plain washer M12	FAS2345P	2
				Locknut M12	FAS2334	2
5	Outlet chute - lower	SC3620	1	Bolt M12 x 50	FAS9682P	2
				Plain washer M12	FAS2345P	2
				Locknut M12	FAS2334	2
6	Housing top - right hand chute	SC4649	1	Setscrew M12 x 30	FAS2678P	8
				Plain washer M12	FAS2345P	16
				Locknut M12	FAS2334	8
7	Chute ram	CYL1084	1	Pin - housing	SC1379	1
				Pin - chute	TRM0738	1
				Spring tension pin 8 x 40	FAS4131S	4
8	Upper inspection panel	SC3909	1	Plain washer M8	FAS2343P	5
				Locknut M8	FAS2332	5
9	Chute connecting link	SC3618	2	Setscrew M12 x 40	FAS2680P	2
				Plain washer M12	FAS2345P	2
				Locknut M12	FAS2334	2

BED CHAIN DRIVE



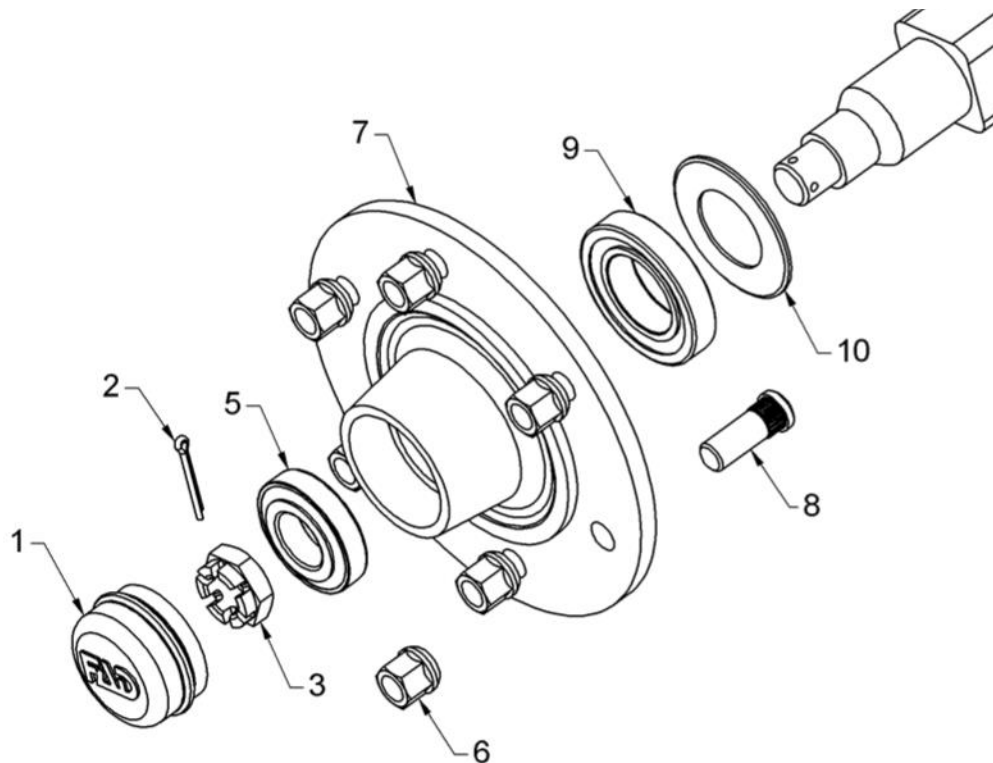
Ref.	Description	Part No.	Q'ty.	Associated components	Part No.	Q'ty.
1	Bed chain drive guard	SC4338	1	Setscrew M8 x 25 Setscrew M8 x 20 Plain washer M8 Locknut M8	FAS2629P FAS2627P FAS2343P FAS2332	1 1 4 2
2	Threaded bar	SC3196	1			
3	Retaining disc	SC3226	1	Plain washer M8 Disc spring Locknut M8	FAS2343P SPR7012 FAS2332	1 1 1
4	Bed speed indicator	SC3227	1			
5	Floor motor sprocket 25mm	SC4193	1	Washer 30 x 8 x 5 Plain nut M8	FAS2408P FAS2302P	1 1
6	25mm motor spacer	SC4199	1			
7	Bed drive chain	SC3158	1	Joining Link	ROP2123	1
8	Hydraulic motor 400cc 25mm	HYD5234	1	Setscrew M12 x 80 Plain nut M12 Bonded seal 1/2" BSP M/M union 1/2" x 1/2" BSP Key 8 x 7 x 30 round ends Seal kit - Brevini (SAM)	FAS2688P FAS2304P HYD4204 HYD1013 FAS8134 HYD4891	1 1 2 2 1 1
9	Retained motor bolt	SC3267	2	Plain washer M12 Locknut M12	FAS2345P FAS2334	2 2

FLOOR ASSEMBLY



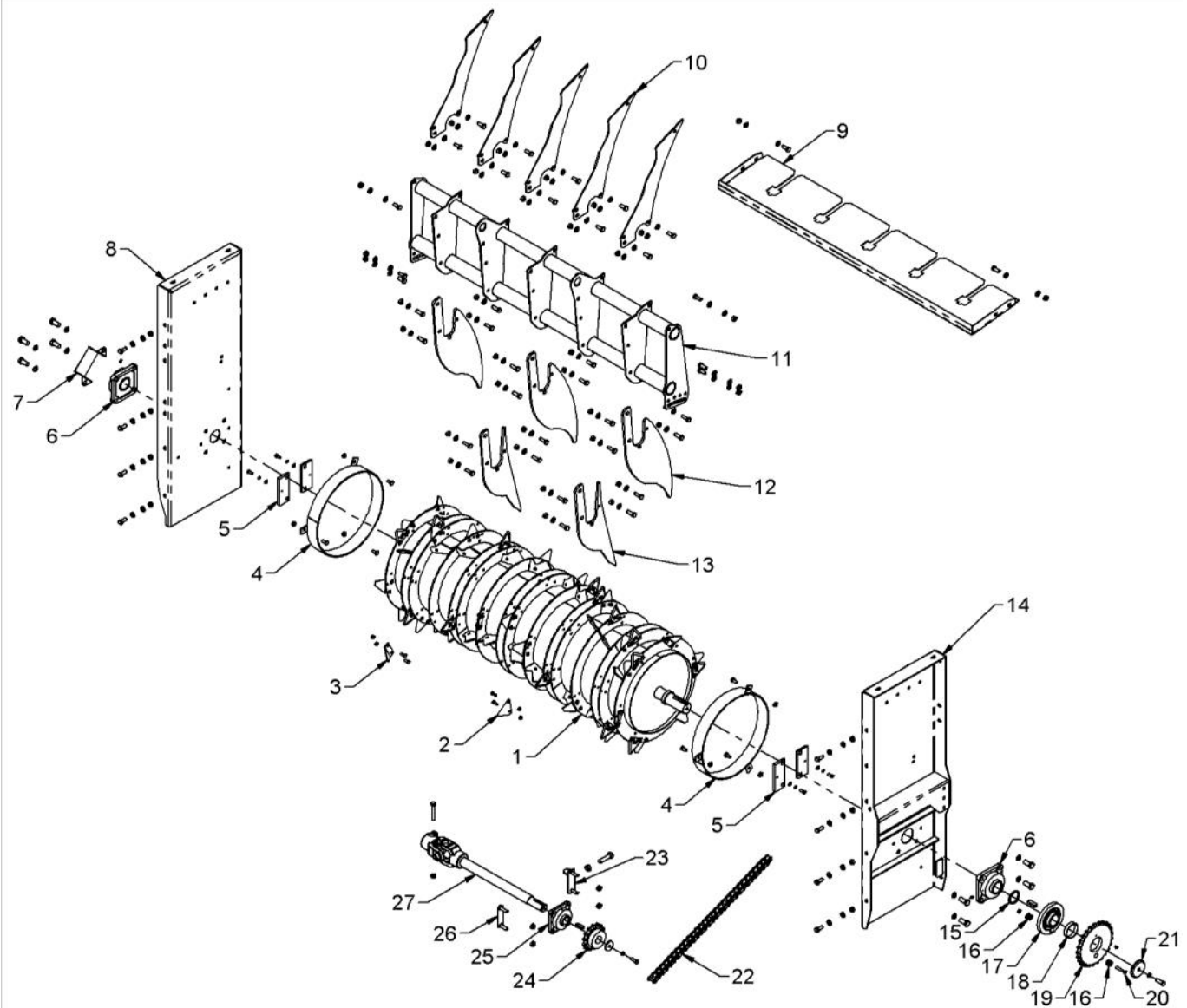
Ref.	Description	Part No.	Q'ty	Associated components	Part No.	Q'ty.
1	Sprocket - 38 tooth	SC3156	1	Key 10 x 8 x 40	FAS8120	1
2	Sprocket spacer	SC3191	1			
3	Bearing	BRG1305	2	Setscrew M12 x 35	FAS2679P	8
				Locknut M12	FAS2334	8
				Grease nipple 1/4" BSF	BRG5004	2
4	Bearing mounting plate	SC3022	1	Cup square bolt M12 x 25	FAS9282P	4
				Plain washer M12	FAS2345P	4
				Locknut M12	FAS2334	4
5	Front sprocket	SC4604	1	Setscrew M12 x 35	FAS2679P	1
				Washer 50 x 13 x 5mm	FAS2383P	1
				Spring washer M12	FAS2374P	1
6	Sprocket scraper front	SC4327	2	Setscrew M12 x 30	FAS2678P	4
				Spring washer M12	FAS2374P	4
7	Plastic insert 35mm	SC4374	4			
8	Floor section	SC4734	1	Setscrew M10 x 70	FAS2663P	1
				Locknut M10	FAS2333	1
9	Bed chain tensioner	SC4324	2	Plain nut M20	FAS2306P	4
				Plain washer M20	FAS2347P	4
				Grub screw M10 x 10	FAS8446	2
10	Rear floor section	SC4731	1			
11	Rear shaft	SC4735	1	Grease nipple 1/8" BSP	BRG5001	2
12	Sprocket scraper rear	SC4326	2	Setscrew M12 x 30	FAS2678P	4
				Spring washer M12	FAS2374P	4
13	Chain wheel	SC4323	2	Bush	BRG2424	4
14	Joiner	SC3351	16	Locknut M12	FAS2334	32
15	Chain section – 13 links	SC3367	8			
16	Slat – crushed ends	SC4666	8			
17	Chain section – 11 links	SC3368	8			

WHEEL EQUIPMENT



Ref.	Description	RIMA axle	TVZ axle	FAD axle	Q'ty.
	Axle assembly complete	SC4618	SC4618	SC4618	1
1	Hub cap	WE1501	WE1557	WE0945	1
2	Split pin	FAS5107	FAS5108	FAS5112	1
3	Slotted nut	WE1505	WE1559	WE0946	1
4	Plain washer 60 x 30 x 4	FAS4816	-----	-----	1
	Plain washer 72 x 36.5 x 5	-----	-----	-----	1
5	Outer bearing	BRG1222	BRG1240	BRG1207	1
6	Wheel nut – M18 (Fine)	WE0909	WE0909	WE0909	6
7	FAD hub complete with studs	-----	-----	WE0944	1
	TVZ hub	-----	WE1558	-----	1
	RIMA hub	WE1500	-----	-----	1
8	Wheel stud – M18 x 50 (pitch – 1.5mm)	-----	-----	WE0908	6
	Wheel stud – M18 x 55 (pitch – 1.5mm)	WE1502	-----	-----	6
	Wheel stud – M18 x 60 (pitch – 1.5mm)	-----	WE1560	-----	6
9	Inner bearing	BRG1208	BRG1210	BRG1229	1
10	Oil seal	BRG3066	BRG3067	BRG3063	1

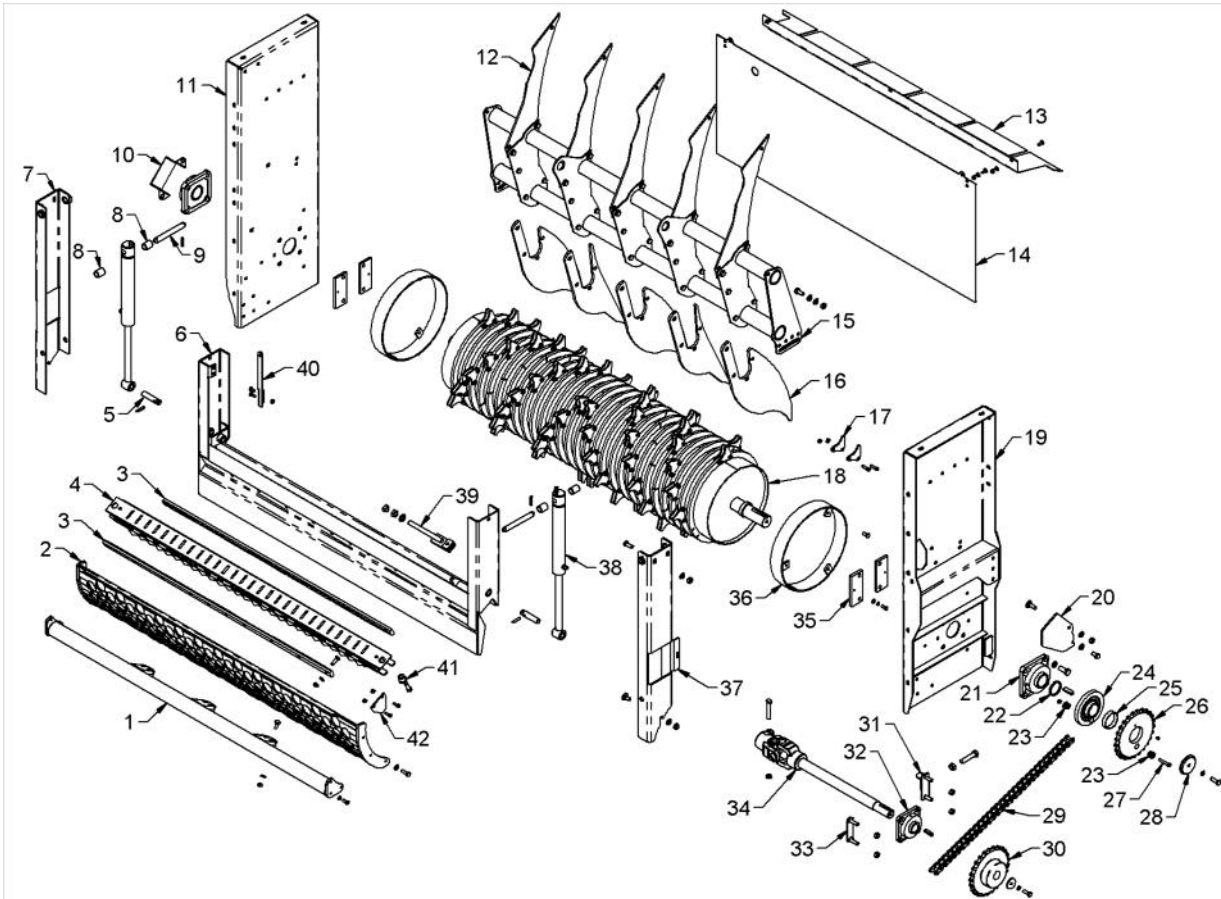
SILAGE CROSSBEATER & DRIVE



Ref.	Description	Part No.	Q'ty.	Associated components	Part No.	Q'ty.
1	Silage crossbeater	SC4614	1			
2	Knife section - straight	SC1100	40	Setscrew M8 x 20 Locknut M8	FAS2627P FAS2332	80 80
3	Knife section - bent	SC3850	14	Setscrew M8 x 20 Locknut M8	FAS2627P FAS2332	28 28
4	Silage shield ring	SC4115	2	Setscrew M10 X 20 Locknut M10	FAS2652P FAS2333	6 6
5	Holding plate 50mm	SC3337	4	Setscrew M8 x 20 Plain washer M8 Spring washer M8	FAS2627P FAS2343P FAS2353P	4 4 4
6	Flange bearing 50mm	BRG1312	2	Setscrew M16 x 35 Spring washer M16 Grease nipple M6 straight	FAS2702P FAS2356P BRG5030	8 8 2
7	Rotor bearing cover	SC4134	1			

Ref.	Description	Part No.	Qty.	Associated Component	Part No.	Qty.
8	Mid body panel RH	SC4760	1	Setscrew M12 x 30 Plain washer M12 Locknut M12	FAS2678P FAS2345P FAS2334	8 16 8
9	Internal material cover (Long) Internal material cover (Short)	SC4615 SC4709	1 Opt.	Setscrew M12 x 30 Plain washer M12 Locknut M12	FAS2678P FAS2345P FAS2334	2 4 2
10	Bale guide plate	SC3687	5	Setscrew M12 x 30 Plain washer M12 All metal locking nut M12	FAS2678P FAS2345P FAS2319	10 20 10
11	Bale restraint beam	SC4612	1	Setscrew M12 x 30 Plain washer M12 Locknut M12	FAS2678P FAS2345P FAS2334	6 12 6
12	Restraint finger large curve	SC4587	3	Setscrew M12 x 35 Plain washer M12 All metal locking nut M12	FAS2679P FAS2345P FAS2319	12 12 12
13	Restraint finger long	SC3720	2	Setscrew M12 x 35 Plain washer M12 All Metal Locking Nut M12	FAS2679P FAS2345P FAS2319	8 8 8
14	Mid body panel LH	SC4761	1	Setscrew M12 x 30 Plain washer M12 Locknut M12	FAS2678P FAS2345P FAS2334	8 16 8
15	Driveline spacer 3mm	SC4567	1			
	Shear sprocket complete (Comprising items 16 - 20)	SC3976	1			
16	Shear bolt bush	SC3499	2			
17	Shear sprocket hub	SC3977	1			
18	Bush	BRG2414	1			
19	Shear sprocket 25 tooth	SC3678	1	Grease nipple 1/4" BSF	BRG5004	1
20	Shearbolt M8 x 50 (10.9)	FAS7634	1	Locknut M8	FAS2332	1
21	Washer 80 x 13 x 10mm	FAS4810P	1	Setscrew M12 x 35 Spring washer 1/2" Key 1/2" x 3/8" x 45mm	FAS2679P FAS2374P FAS8130	1 1 1
22	Drive chain – 77 links	SC4637	1	Joiner Half link joiner	ROP2116 ROP2117	1 1
23	Drive adjustment plate	SC4120	1	Setscrew M16 x 70 Plain nut M16 Locknut M12	FAS2709P FAS2305P FAS2334	1 1 2
24	Sprocket 14 tooth	SC3356	1	Key 10 x 8 x 40mm Setscrew M10 x 30 Washer 45 x 10 x 5mm Spring washer M10	FAS8120 FAS2655P FAS2412P FAS2354P	1 1 1 1
25	Flange bearing 1 3/8"	BRG1305	1	Grease nipple 1/4" BSF	BRG5004	1
26	Layshaft tied bolts	SC4169	1	Locknut M12	FAS2334	2
27	Layshaft splined yoke - Comer	SC4620	1	End yoke Bolted	PTO2794	1
	Layshaft splined yoke - GB	SC4168	1	Cross journal assembly	PTO2321	1
	Layshaft splined yoke - BIMA	SC5004	1	Bolt M12 x 65 fine Locknut M12 fine	FAS4720 FAS4714	1 1
	Extra blades kit	SC3768	Opt.	(Not Shown)		
3	Knife section - bent	SC3850	48	Setscrew M8 x 25 Locknut M8	FAS2629P FAS2332	96 96
	Hardox tips kit	SC4702	Opt.	(Not Shown)		
	Hardox tip	SC4701	24	Setscrew M10 x 25 Locknut M10	FAS2654P FAS2333	48 48

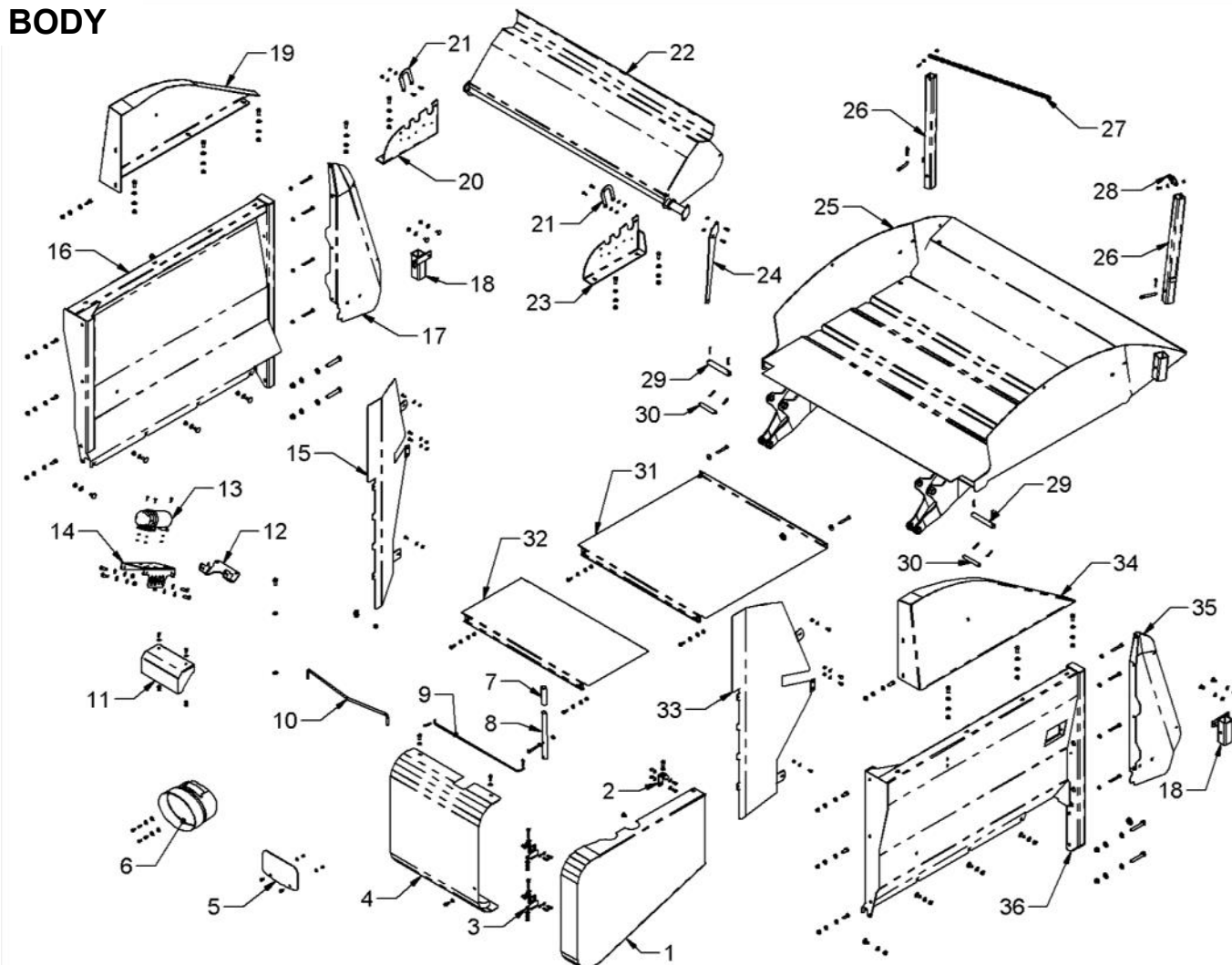
DUAL CHOP CROSSBEATER AND DRIVE



Ref.	Description	Part No.	Q'ty.	Associated components	Part No.	Q'ty.
Dual chop crossbeater kit						
1	Screen support	SC4676				
		SC4655	1	Setscrew M8 x 20	FAS2627P	6
				Plain washer M8	FAS2343P	6
2	Screen 50mm holes	SC4652	1	Setscrew M10 x 30	FAS2655P	6
				Cup square bolt M10 x 25	FAS9262P	6
				Plain washer M10	FAS2344P	12
				Locknut M10	FAS2333	6
3	Nylon strip	SC4408	2	Socket screw CSK M10 x 35	FAS9373P	20
				Plain washer M10	FAS2344P	20
				Locknut M10	FAS2333	20
4	Blade beam c/w blades	SC4657	1	Blade carrier bare	SC4658	1
5	Lower ram pin	SC4455	2	Spring tension pin 8 x 40mm	FAS4131S	2
6	Sliding blade carrier	SC4656	1			
7	Slide RH	SC4410	1	Setscrew M12 x 30	FAS2678P	2
				Cup square bolt M12 x 25	FAS9282P	2
				Plain washer M12	FAS2345P	4
				Locknut M12	FAS2334	4
8	Ram spacer	SC4413	4			
9	Upper ram pin	SC3615	2	Spring tension pin 8 x 40mm	FAS4131S	2
10	Rotor bearing cover	SC4134	1			
11	Mid body panel RH	SC4764	1	Setscrew M12 x 30	FAS2678P	8
				Plain washer M12	FAS2345P	16
				Locknut M12	FAS2334	8
12	Blade guide plate	SC3687	5	Setscrew M12 x 30	FAS2678P	10
				Plain washer M12	FAS2345P	20
				All metal locking Nut M12	FAS2319	10
13	Cover plate	SC4659	1	Cup Square M8 x 20	FAS9241P	3
				Plain washer M8	FAS2343P	3
				Locknut M8	FAS2332	3
14	Blanking plate	SC4662	1	Cup square bolt M8 x 20	FAS9241P	3
				Plain washer M8	FAS2343P	3
				Locknut M8	FAS2332	3

Ref.	Description	Part No.	Q'ty.	Associated components	Part No.	Q'ty.
15	Bale restraint beam	SC4612	1	Setscrew M12 x 30 Plain washer M12 Locknut M12	FAS2678P FAS2345P FAS2334	6 12 6
16	Curved finger Long finger	SC4587 SC3720	3 2	Setscrew M12 x 35 Plain washer M12 All metal locking nut M12	FAS2679P FAS2345P FAS2319	20 20 20
17	Wearing tip	SC4673	168	Socket cap bolt M8 x 30 All metal locking nut M8	FAS9535 FAS2320	168 168
18	Dual chop crossbeater c/w Tips	SC4671	1	Dual chop crossbeater	SC4672	1
19	Mid body panel LH	SC4763	1	Setscrew M12 x 30 Plain washer M12 Locknut M12	FAS2678P FAS2345P FAS2334	8 16 8
20	Blade beam cover	SC4460	1	Cup square bolt M12 x 35 Setscrew M12 x 25 Plain washer M12 Locknut M12	FAS9284P FAS2677P FAS2345P FAS2334	1 1 2 1
21	Flange bearing 50mm	BRG1312	2	Setscrew M16 x 35 Spring washer M16	FAS2702P FAS2356P	8 8
22	Driveline spacer 3mm	SC4567	1			
	Shear sprocket complete (comprising items 23 - 27)	SC4420	1			
23	Shear bolt bush	SC3499	2			
24	Centre hub	SC3977	1	Key 1/2" x 1/4" x 45mm	FAS8130	1
25	Bush 65 x 70 x 16	BRG2414	1			
26	Shear sprocket 25 tooth	SC3678	1	Grease nipple 1/4" BSF	BRG5004	1
27	Shearbolt M8 x 50 (8.8)	FAS9634P	1	Locknut M8	FAS2332	1
28	Washer 80 x 13 x 10mm	FAS4810P	1	Setscrew M12 x 35 Spring washer M12	FAS2679P FAS2374P	1 1
29	Chain 81 links	SC4560	1	Joiner Half link joiner	ROP2116 ROP2117	1 1
30	Sprocket 25 Tooth	SC4556	1	Key 10 x 8 x 40mm Setscrew M10 x 30 Washer 45 x 10 x 5mm Spring washer M10	FAS8120 FAS2655P FAS2412P FAS2354P	1 1 1 1
31	Drive adjustment plate	SC4120	1	Setscrew M12 x 100 Plain nut M12 Locknut M12	FAS2691P FAS2304P FAS2334	1 1 2
32	Flange bearing 1 3/8"	BRG1305	1	Grease nipple 1/4" BSF	BRG5004	1
33	Layshaft tied bolts	SC4169	1	Locknut M12	FAS2334	2
34	Layshaft splined yoke - Comer Layshaft splined yoke - GB Layshaft splined yoke - BIMA	SC4620 SC4168 SC5004	1 1 1	End yoke bolted Cross journal assembly Bolt M12 x 65 fine Locknut M12 fine	PTO2794 PTO2321 FAS4720 FAS4714	1 1 1 1
35	Holding plate	SC3337	4	Setscrew M8 x 20 Spring washer M8 Plain washer M8	FAS2627P FAS2353P FAS2343P	4 4 4
36	Guard ring assembly	SC4677	2	Setscrew M10 x 20	FAS2652P	6
37	Slide LH	SC4409	1	Setscrew M12 x 30 Cup square bolt M12 x 60 Cup square bolt M12 x 25 Plain washer M12 Locknut M12	FAS2678P FAS9289P FAS9282P FAS2345P FAS2334	2 2 1 4 4
38	Blade carrier ram	CYL1084	2			
39	Position bar	SC4417	1	Plain washer M16 Plain nut M16	FAS2346P FAS2305P	1 2
40	Blade location indicator	SC4459	1	Cup square bolt M8 x 20 Locknut M8	FAS9241P FAS2332	2 2
41	Blade bar boss	SC4416	1	Setscrew M12 x 50	FAS2682P	1
42	Heavy knife section	SC4400	28	Socket cap bolt M8 x 22 Locknut M8	FAS9532 FAS2332	56 56

BODY

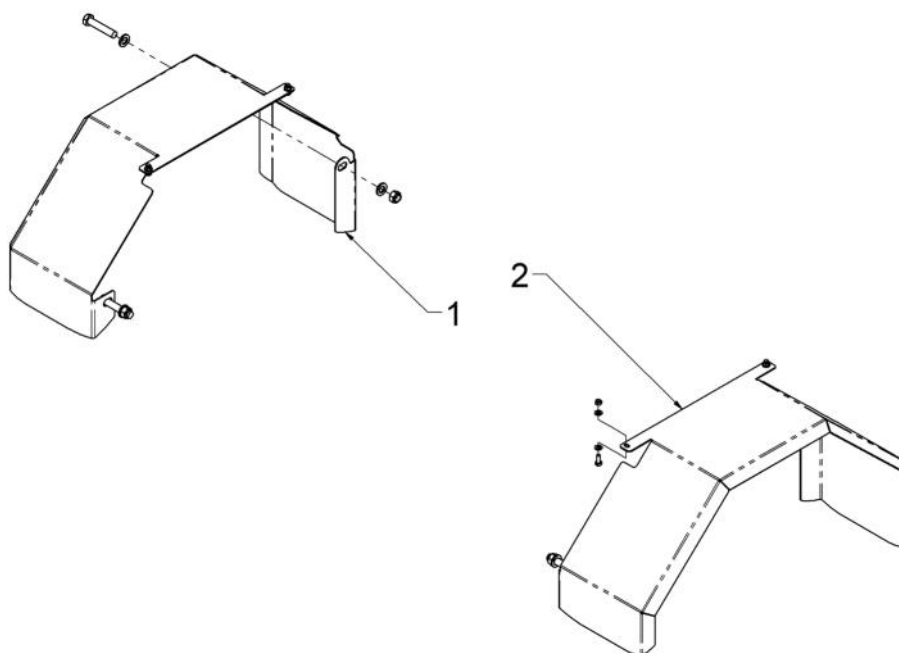


Ref.	Description	Part No.	Q'ty.	Associated components	Part No.	Q'ty.
1	Hinged chain guard	SC4384	1	Rubber stop	MB3552	1
2	Rear guard location bracket	SC4386	1	Setscrew M8 x 20	FAS2627P	2
				Plain washer M8	FAS2343P	4
				Locknut M8	FAS2332	2
3	Hinge	SC4385	2	Setscrew M8 x 25	FAS2629P	4
				Plain washer M8	FAS2343P	8
				Locknut M8	FAS2332	4
				Bolt M10 x 45	FAS9658P	2
				Plain washer M10	FAS2344P	4
				Plain nut M10	FAS2303P	2
4	Valve guard	SC4772	1	Setscrew M10 x 25	FAS2654P	3
				Plain washer M10	FAS2344P	3
5	Lower access panel	SC4052	1	Cup square bolt M8 x 20	FAS9241P	2
				Plain washer M8	FAS2343P	2
				Locknut M8	FAS2332	2
6	PTO cone c/w 2 hatches	PTO9013	1	Setscrew M8 x 16	FAS2625P	4
				Plain washer M8 form G	FAS2343GP	4
7	Handle grip	SC4371	1			
8	Gear change handle	SC4348	1	Bolt M10 x 60	FAS9661P	1
				Plain washer M10	FAS2344P	1
				Plain nut M10	FAS2303P	1
9	Gear change rod - Comer & GB	SC4347	1	'R' Pin 2.5mm	FAS6002P	2
	Gear change rod - BIMA	SC5008	1			
10	Blockage removal tool	SC1247	1			
11	Control Desk Cover	SC5842	1	Setscrew M8 x 20	FAS2627P	3
				Plain washer M8	FAS2343P	4
				Plain nut M8	FAS2303P	1
				Locknut M8	FAS2332	1

Ref.	Description	Part No.	Q'ty.	Associated components	Part No.	Q'ty.
12	Hinge bracket	SC3739	1	Setscrew M12 x 30	FAS2678P	2
				Plain washer M12	FAS2345P	2
13	Instruction book holder	SC4668	1	Setscrew M6 x 20	FAS2603P	3
				Plain washer M6	FAS2342P	3
				Locknut M6	FAS2330	3
14	Hose carrier	SC5237	1	Setscrew M12 x 30	FAS2678P	4
				Plain washer M12	FAS2345P	8
				Locknut M12	FAS2334	4
				Strap non re-usable	FAS9051	3
15	Internal body panel RH	SC4756	1	Cup square bolt M8 x 20	FAS9241P	5
				Plain washer M8	FAS2343P	5
				Locknut M8	FAS2332	5
16	Rear body panel RH	SC4750	1	Diaphragm grommet 39mm	SC4933	1
				Cup square bolt M12 x 25	FAS9282P	3
				Setscrew M12 x 30	FAS2678P	3
				Plain washer M12	FAS2345P	9
				Locknut M12	FAS2334	6
				Bolt M16 x 90 HT (8.8)	FAS9713P	2
				Plain washer M16	FAS2346P	4
				Locknut M16	FAS2335	2
17	Guide plate RH	SC4758	1	Bolt M10 x 70	FAS9663P	4
				Locknut M10	FAS2333	4
18	Post storage bracket	SC3764	2	Cup square bolt M10 x 20	FAS9261P	4
				Plain washer M10	FAS2344P	4
				Locknut M10	FAS2333	4
19	Upper body panel RH	SC4752	1	Setscrew M12 x 30	FAS2678P	4
				Plain washer M12	FAS2345P	8
				Locknut M12	FAS2334	4
20	Top guard mount RH	SC3689	1	Setscrew M12 x 30	FAS2678P	2
				Plain washer M12	FAS2345P	4
				Locknut M12	FAS2334	2
21	Top cover retainer	SC3693	2	Setscrew M8 x 20	FAS2627P	4
				Plain washer M8	FAS2343P	4
				Locknut M8	FAS2332	4
22	Top cover	SC4619	1			
23	Top guard mount LH	SC3688	1	Setscrew M12 x 30	FAS2678P	2
				Plain washer M12	FAS2345P	4
				Locknut M12	FAS2334	2
24	Handle	SC3696	1	Setscrew M8 x 20	FAS2627P	2
				Locknut M8	FAS2332	2
25	Tailgate	SC4724	1			
26	Tailgate post	SC3068	2	Headed pin 1/2" x 102.5mm	FAS6267P	2
				'R' Pin 3mm	FAS6003P	2
27	Tailgate chain	SC3192	1	Setscrew M8 x 20	FAS2627P	1
				Plain washer M8	FAS2343P	1
				Locknut M8	FAS2332	1
28	Chain retainer	SC3206	1	Setscrew M8 x 20	FAS2627P	1
				Plain washer M8	FAS2343P	1
				Locknut M8	FAS2332	1
29	Tailgate pivot pin 25mm	SC4942	2	Spring tension pin 8 x 40	FAS4131S	4
30	Ram pivot pin	TRM0738	2	Spring tension pin 8 x 40	FAS4131S	4
31	Rear lower inspection panel	SC4665	1	Bolt M10 x 70	FAS9663P	2
				Setscrew M10 x 25	FAS2654P	2
				Plain washer M10 Form G	FAS2344GP	2
				Plain washer M10	FAS2344P	4
				Locknut M10	FAS2333	2
32	Middle inspection panel	SC4664	1	Setscrew M10 x 25	FAS2654P	2
				Plain washer M10	FAS2344P	2
				Locknut M10	FAS2333	2
33	Internal body panel LH	SC4755	1	Cup square bolt M8 x 20	FAS9241P	5
				Plain washer M8	FAS2343P	5
				Locknut M8	FAS2332	5
34	Upper body panel LH	SC4751	1	Setscrew M12 x 30	FAS2678P	4
				Plain washer M12	FAS2345P	8
				Locknut M12	FAS2334	4

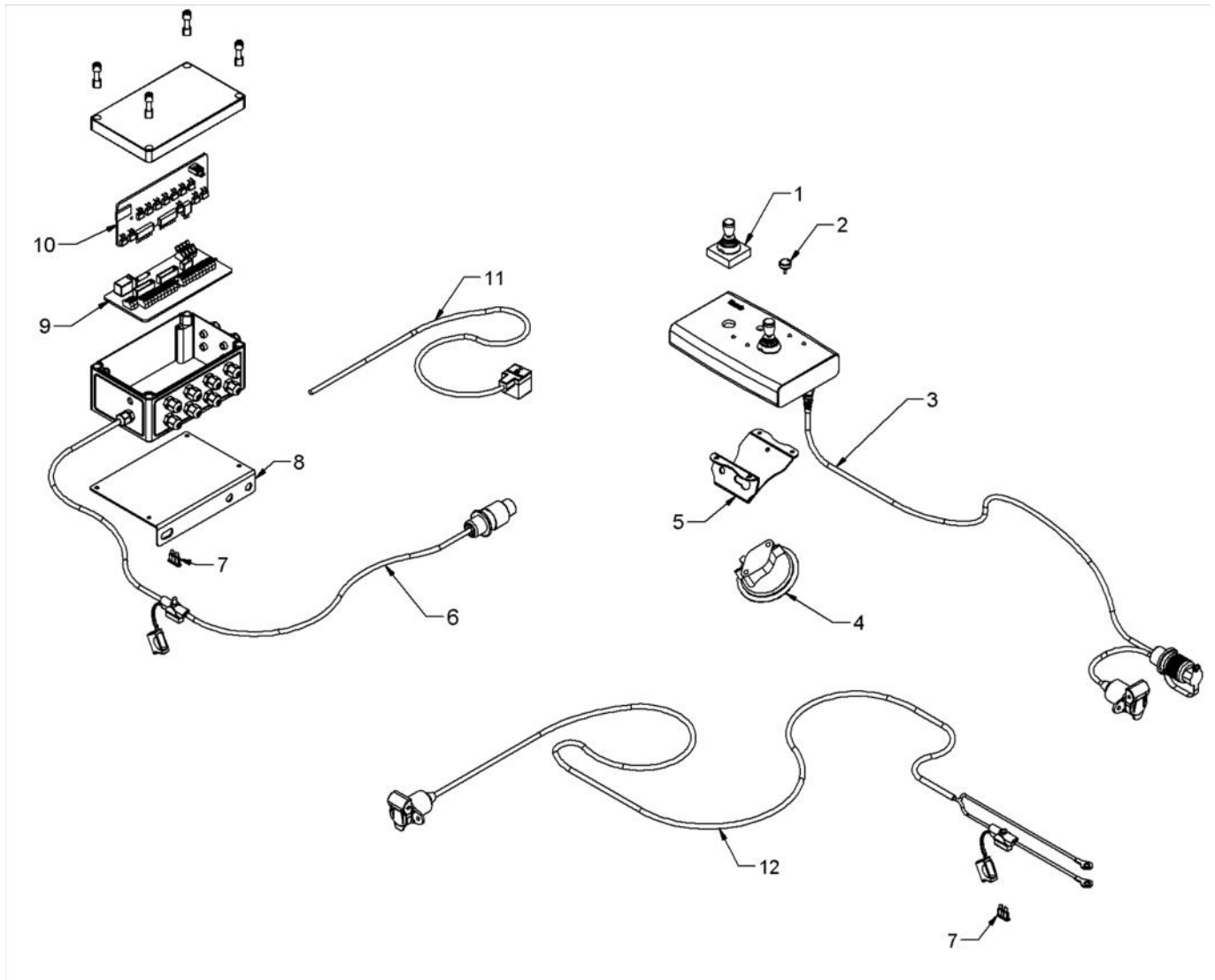
Ref.	Description	Part No.	Q'ty.	Associated components	Part No.	Q'ty.
35	Guide plate LH	SC4757	1	Bolt M10 x 70	FAS9663P	4
				Locknut M10	FAS2333	4
36	Rear body panel LH	SC4749	1	Diaphragm grommet 39mm	SC4933	2
				Bolt M16 x 90 HT (8.8)	FAS9713P	2
				Plain washer M16	FAS2346P	4
				Locknut M16	FAS2335	2
				Cup square bolt M12 x 25	FAS9282P	3
				Setscrew M12 x 30	FAS2678P	3
				Plain washer M12	FAS2345P	9
				Locknut M12	FAS2334	6

MUDGUARDS (Optional)



Ref.	Description	Part No.	Q'ty.	Associated components	Part No.	Q'ty.
	Mud guard kit 10.5 wheels	SC4247				
	Mud guard kit 12.5 wheels (Comprising all items)	SC4261				
1	Mud guard RH 10.5 wheels	SC4241	1	Setscrew M8 x 20	FAS2627P	2
	Mud guard RH 12.5 wheels	SC4263	1	Bolt M16 x 80	FAS9711P	2
				Plain washer M8	FAS2343P	4
				Plain washer M16	FAS2346P	4
				Locknut M8	FAS2332	2
				Locknut M16	FAS2335	2
2	Mud guard LH 10.5 wheels	SC4240	1	Setscrew M8 x 20	FAS2627P	2
	Mud guard LH 12.5 wheels	SC4262	1	Bolt M16 x 80	FAS9711P	2
				Plain washer M8	FAS2343P	4
				Plain washer M16	FAS2346P	4
				Locknut M8	FAS2332	2
				Locknut M16	FAS2335	2

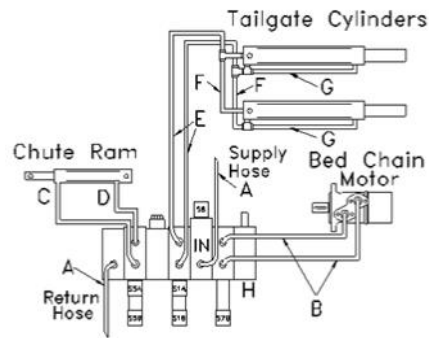
ELECTRONIC CONTROLS - BLUETOOTH



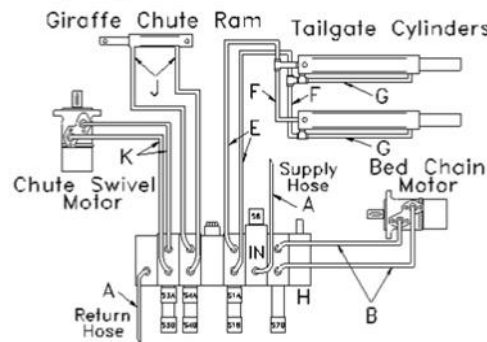
Ref.	Description.	RH Chute.	Swivel Chute.	Qty.	Associated components.	Part No.	Qty.
	Control Desk Assembly	SC5810	SC5811	SC5811	1	(Items 1—3)	
1	Joystick	SC3510	SC3510	SC3510	1		
2	Potentiometer	SC3513	SC3513	SC3513	1		
3	Power cable control desk	SC5813	SC5813	SC5813	1	Female 3 pin socket Male 3 pin plug	SC3598A SC3597
4	Suction cup	SC4228	SC4228	SC4228	1		
5	Control desk mount	SC4242	SC4242	SC4242	1	M4 x16 Pan head screw M4 Locknut	FAS2430S FAS2329S
	Junction Box Assembly	SC5820	SC5821	SC5822	1	(Items 6—8) M4 x 16 Pan head screw M4 Locknut	FAS2430S FAS2329S
6	Cable 6m-junction box	SC5828	SC5828	SC5828	1		
7	7.5 A fuse	SC3535	SC3535	SC3535	1		
8	Junction box mount	SC5840	SC5840	SC5840	1		
9	Junction box bottom PCB	SC5823	SC5823	SC5823	1		
10	Junction box top PCB	SC5829	SC5829	SC5829	1		
11	Solenoid cable long	SC3548	SC3548	SC3548	7-13		
	Optional extras						
12	Power lead c/w socket	SC3598	SC3598	SC3598	1		

HYDRAULIC HOSES

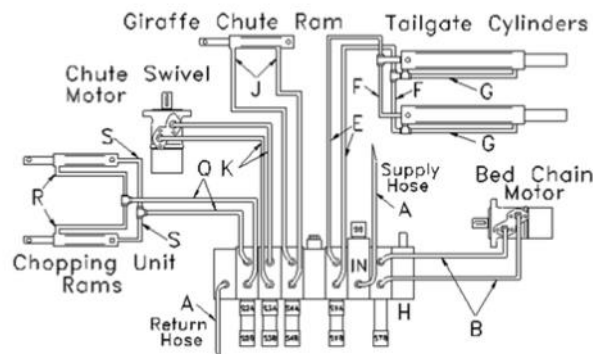
Right Hand Chute Solenoid Valve



Sloping Chute Solenoid Valve

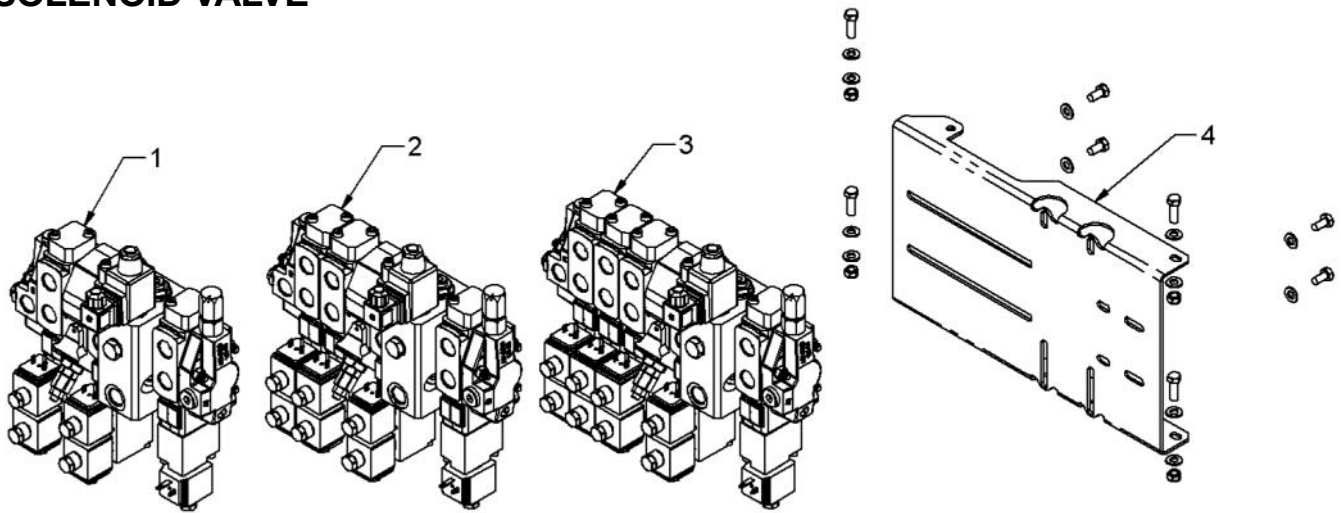


Dual Chop



Ref	Description	Part No.	Q'ty.	Associated components	Part No.	Q'ty.
A	Valve supply hose	HYD2228	2	Bonded Seal 1/2" BSP	HYD4204	2
				Quick release coupling male	HYD1901	2
B	Bed motor hose	HYD2225	2	1/2" BSP 90° Coupling	HYD1762	2
				1/2" BSP M/F Coupling	HYD1207	1
C	Chute ram - outer	HYD2052	1			
D	Chute ram - inner	HYD2058	1			
E	Valve to 'T' piece	HYD2058	2	'T' piece M/M/F 1/4" BSP	HYD1930	2
F	Tailgate ram front hose	HYD2045	2			
G	Tailgate ram rear hose	HYD2061	2	'T' piece M/M/F 1/4" BSP	HYD1930	2
J	Giraffe chute ram hose	HYD2047	2			
K	Chute motor hose	HYD2063	2			
Q	Valve to 'T' piece	HYD2079	2	'T' piece M/M/M 1/4" BSP	HYD1921	2
R	Dual chop unit side hose	HYD2065	2	M/F 90° elbow 1/4" BSP	HYD1760	2
S	Dual chop unit rear hose	HYD2066	2			
NOT SHOWN	Strap non re-useable	FAS9051	8			

SOLENOID VALVE



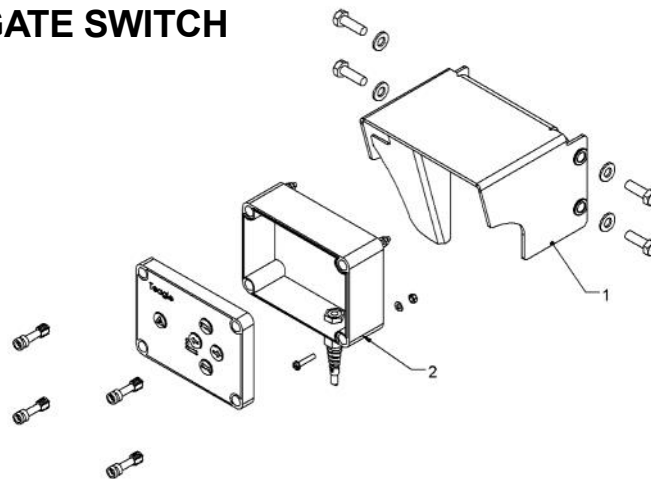
Ref.	Description	Part No.	Q'ty.	Associated components	Part No.	Q'ty.
1	Valve right hand chute	HYD5400	1	M/M union 1/2" x 1/2" BSP	HYD1013	4
				M/M union 1/2" x 1/4" BSP	HYD1114	4
				Bonded seal 1/2" BSP	HYD4204	8
2	Valve sloping chute	HYD5401	1	M/M union 1/2" x 1/2" BSP	HYD1013	4
				M/M union 1/2" x 1/4" BSP	HYD1114	6
				Bonded seal 1/2" BSP	HYD4204	10
3	Valve dual chop (T8550)	HYD5402	1	M/M union 1/2" x 1/2" BSP	HYD1013	4
				M/M union 1/2" x 1/4" BSP	HYD1114	8
				Bonded seal 1/2" BSP	HYD4204	12
4	Valve mount bracket	SC4344	1	Setscrew M8 x 25	FAS2629P	4
				Plain washer M8	FAS2343P	8
				Locknut M8	FAS2332	4
				Setscrew M8 x 16mm	FAS2625P	4
				Plain washer M8	FAS2343P	4

SOLENOID VALVE PARTS

Description	Part No.	Right hand chute	Sloping chute	Dual chop
Cover (bed control end)	HYD5406	1	1	1
Bypass / relief valve assembly	HYD5411	1	1	1
Double acting slice	HYD5192	2	3	4
Flow control slice (60 lpm)	HYD5410	1	1	1
Bed reverse slice	HYD5405	1	1	1
Outlet cover	HYD5315	1	1	1
Flow dividing slice	HYD5198	1	1	1
Complete valve seal kit	HYD5174	1	1	1
Valve slice seal kit	HYD5316	3	4	5
Flow control slice seal kit	HYD5409	1	1	1

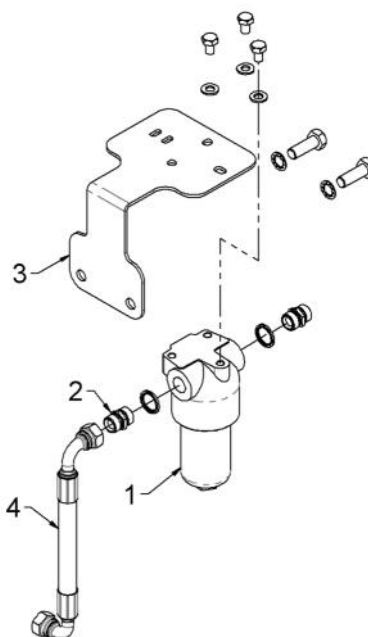
Further details can be found in the 'Valve & Electronic System Details' service manual.

REMOTE BED / TAILGATE SWITCH



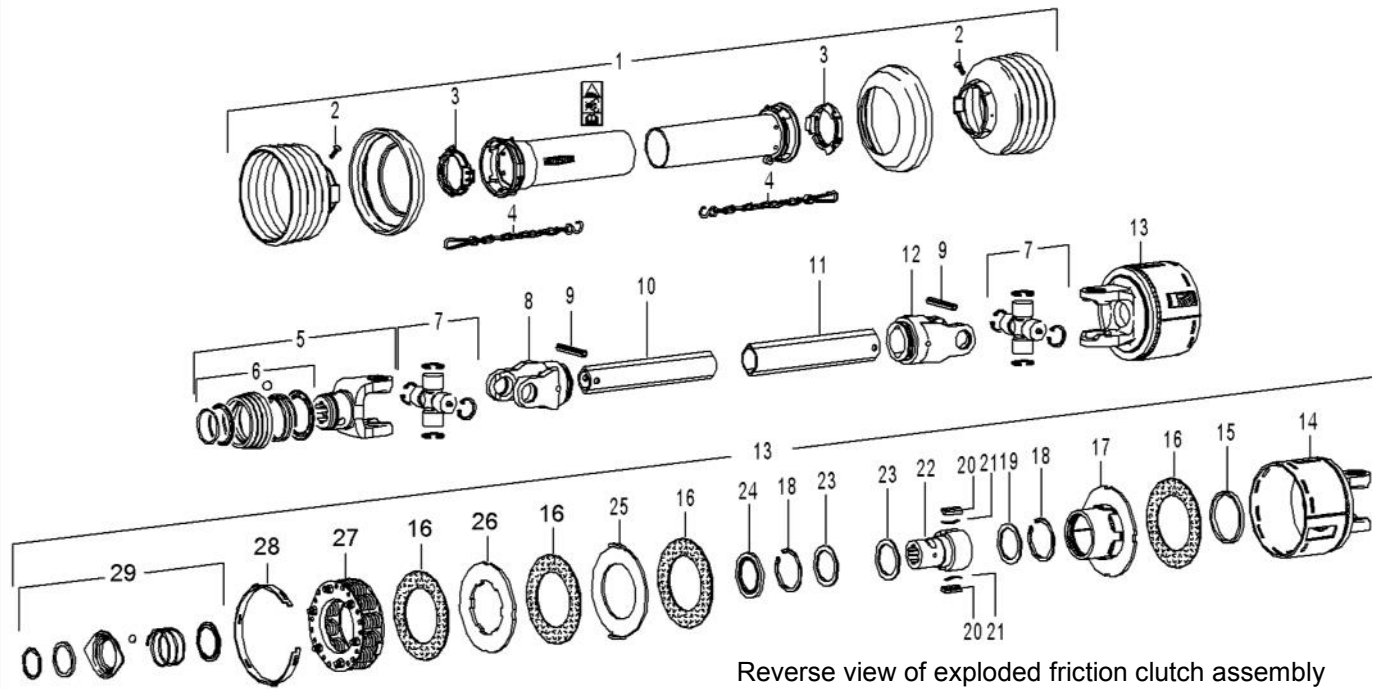
Ref	Description	Part No.	Q'ty.	Associated components	Part No.	Q'ty.
	Remote bed / tailgate switch kit (comprising all items)	SC5241	1			
1	Remote switch bracket	SC5242	1	Setscrew M8 x 25 Plain washer M8	FAS2629P FAS2343P	4 4
2	Control box	SC5827	1	Pan head screw M4 x 16 Plain washer M4 Locknut M4	FAS2430S FAS2340S FAS2329S	4 4 4

PRESSURE LINE FILTER



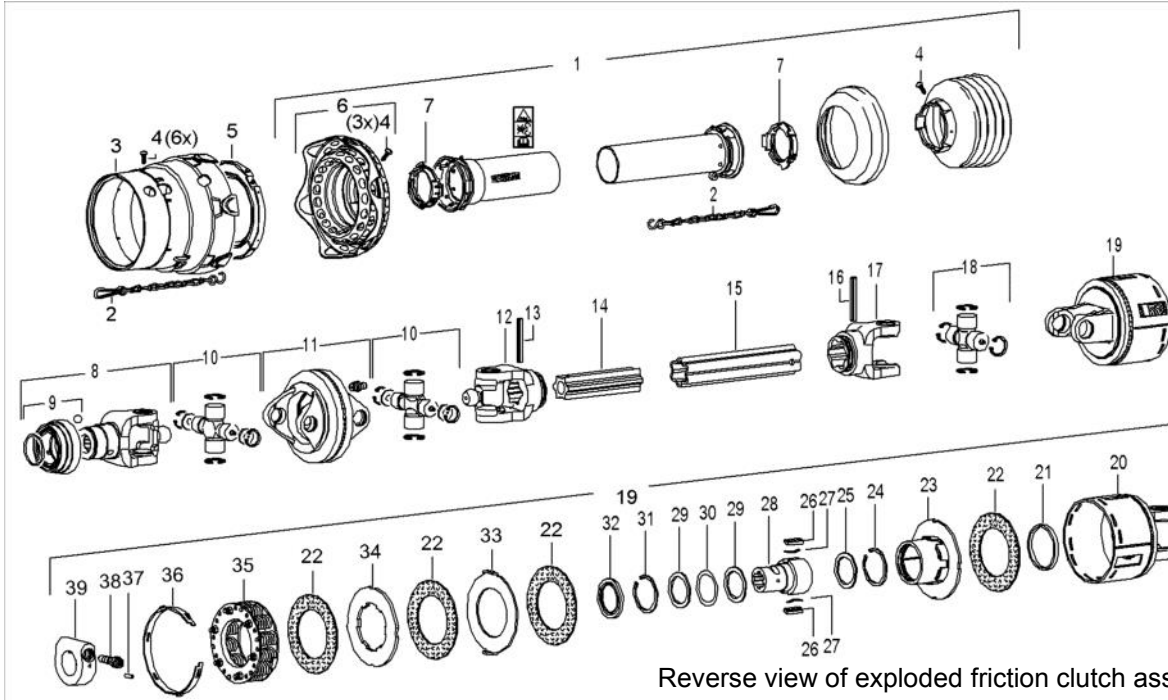
Ref	Description	Part No.	Q'ty.	Associated components	Part No.	Q'ty.
	Inline filter kit (comprising all items)	SC4309	1			
1	Pressure line filter	HYD5343	1	Setscrew M10 x 16 Plain washer M10	FAS2650P FAS2344P	3 3
2	M/M union 1/2" BSP - M22	HYD1138	2	Bonded Seal 22mm	HYD4210	2
3	Filter Mounting Bracket	SC4346	1	Setscrew M14 x 30 Shakeproof washer M14	FAS2752P FAS9206P	1 4
4	Hydraulic hose	HYD2214	1			
	Not Shown: Filter element	HYD5344	1			

WALTERSCHEID – COMBINED SLIP & OVERRUN CLUTCH



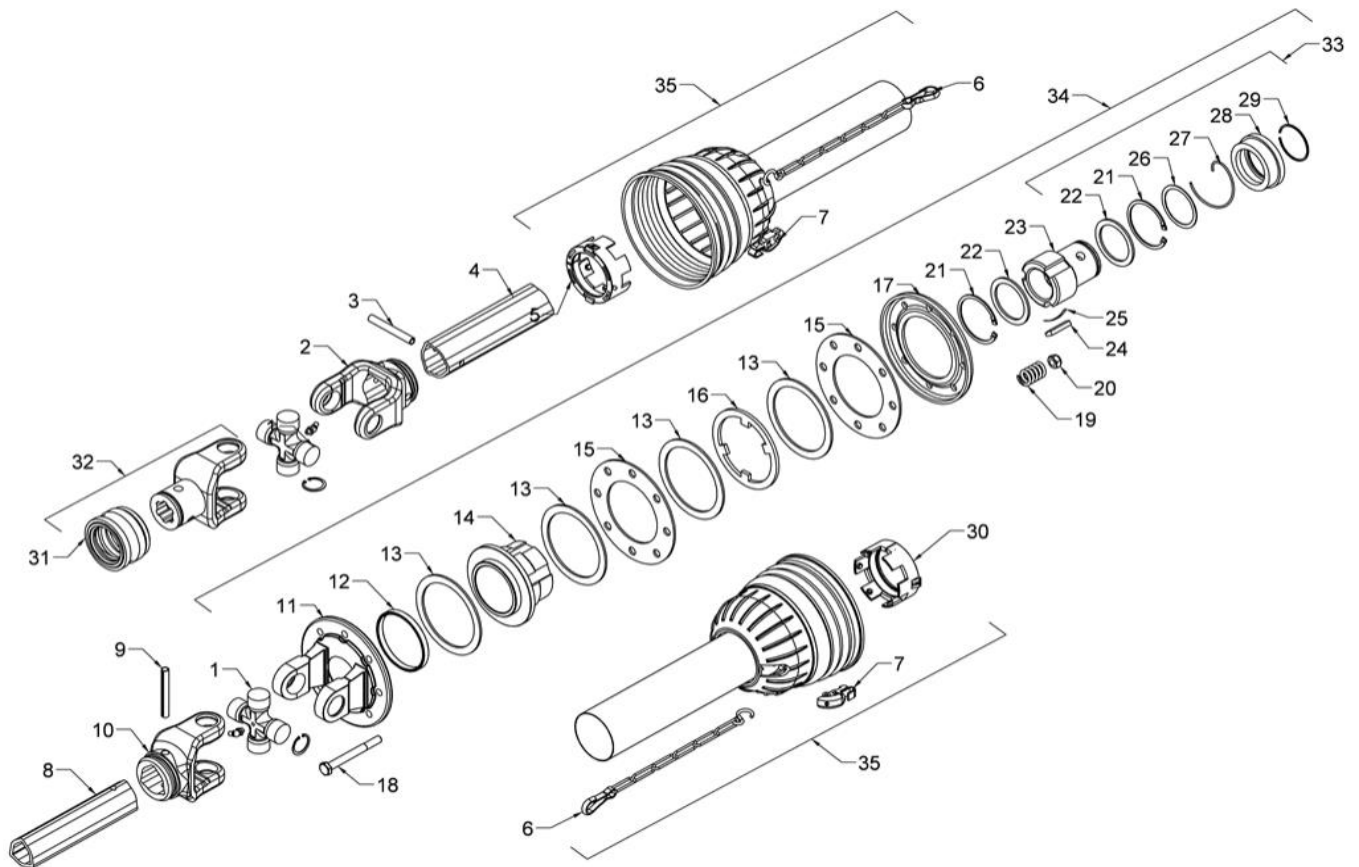
Ref.	Description	Part No.	Q'ty.	Ref.	Description	Part No.	Q'ty.
	PTO Shaft complete 540rpm	PTO8086		16	Friction disc 157 x 100.5	PTO3245	4
1	Guard Complete	PTO3271	1	17	Overrun clutch housing	PTO3246	1
2	Retaining screw	PTO3270	2	18	Internal circlip 72 x 2.5	FAS7112	2
3	Bearing Ring	PTO3214	2	19	Supporting ring	PTO3247	1
4	Anchor Chain	MB0592	2	20	Ratchet tooth	PTO3248	2
5	Yoke complete 1.3/8" 6 Spline	PTO3255	1	21	Leaf spring	PTO3249	2
6	Pull back collar	PTO3256	1	22	Hub 1.3/8" 6 Spline	PTO3280	1
7	Cross Journal Kit	PTO3257	2	23	Supporting ring	PTO3266	2
8	Inner Yoke	PTO2119	1	24	Sealing ring	PTO3251	1
9	Spring Tension Pin 10 x 80	FAS4147	2	25	Drive plate with 2 tags	PTO3252	1
10	Inner Profile Tube 1bH	PTO3258	1	26	Drive Plate	PTO3253	1
11	Outer Profile Tube 2a	PTO3259	1	27	Spring set	PTO3254	1
12	Outer Yoke	PTO2118	1	28	Setting ring	PTO3268	1
13	Friction Clutch 1.3/8" 6 Spline	PTO3260	1	29	Pull back collar kit	PTO3279	1
14	Clutch Housing	PTO3243	1		Grease for overrun clutch 50g	PTO3269	1
15	Ring	PTO3244	1				

WALTERSCHEID – WIDE ANGLE C.V. JOINT FOR TRAILED MACHINES



Ref.	Description	Part No.	Q'ty.	Ref.	Description	Part No.	Q'ty.
	PTO Shaft complete 540rpm	PTO8085		21	Ring	PTO3244	1
1	Guard Complete (1000)	PTO3217	1	22	Friction disc 157 x 100.5	PTO3245	4
2	Anchor Chain	MB0592	2	23	Overrun clutch housing	PTO3246	1
3	Guard Cone Flexo Funnel	PTO3238	1	24	Internal circlip 72 x 2.5	FAS7112	1
4	Retaining screw	PTO3270	10	25	Supporting ring	PTO3247	2
5	Bearing Ring For WA Joint SD25	PTO3237	1	26	Ratchet tooth	PTO3248	2
6	Flexo Funnel	PTO3239	1	27	Leaf spring	PTO3249	2
7	Bearing Ring	PTO3214	2	28	Hub 1.3/8" 6 Spline	PTO3265	1
8	Yoke Wide Angle 1.3/8" 6 Spline	PTO3233	1	29	Supporting ring	PTO3266	2
9	Pull back collar kit	PTO3272	1	30	Shim set	PTO3267	1
10	Cross Journal Kit Wide Angle	PTO3234	2	31	Internal circlip 72 x 2.5	FAS7112	1
11	Wide Angle Double Yoke	PTO3235	1	32	Sealing ring	PTO3275	1
12	Inner Yoke Wide Angle	PTO3236	1	33	Drive plate with 2 tags	PTO3252	1
13	Spring Tension Pin 10 x 80	FAS4147	1	34	Drive Plate	PTO3253	1
14	Inner Star Profile Tube S4GA	PTO3212	1	35	Spring set	PTO3254	1
15	Outer Star Profile Tube S5G	PTO3213	1	36	Setting ring	PTO3268	1
16	Spring Tension Pin 10 x 90	FAS4149	1	37	Roll pin	PTO3264	1
17	Outer Yoke S5	PTO3240	1	38	Clamping cone pin	PTO3263	1
18	Cross Journal Kit	PTO3241	1	39	Clamping ring	PTO3262	1
19	Friction Clutch 1.3/8" 6 Spline	PTO3242	1		Grease for overrun clutch 50g	PTO3269	1
20	Clutch Housing	PTO3273	1				

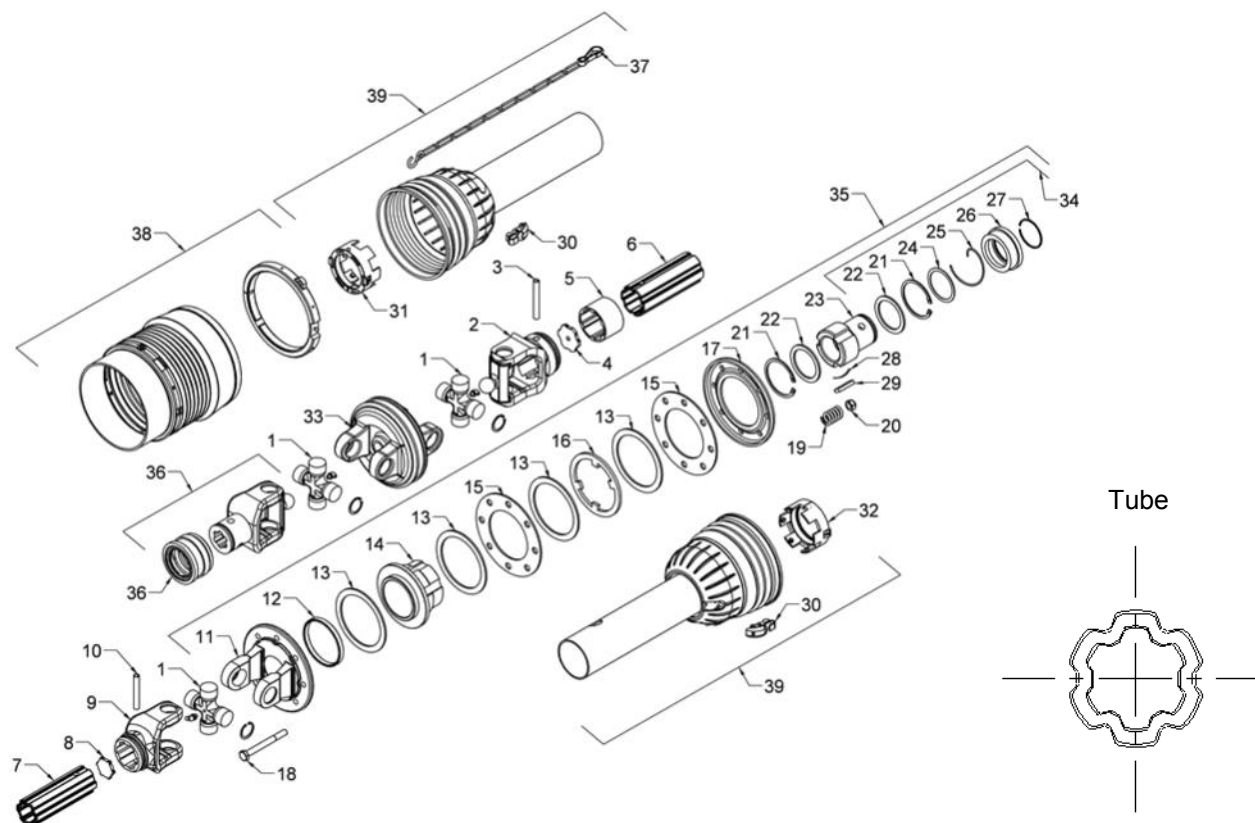
COMER PTO SHAFT – COMBINED SLIP & OVERRUN CLUTCH



Ref	Description	Part No.	Q'ty.	Ref	Description	Part No.	Q'ty.
	PTO Shaft complete 540rpm	PTO8086		22	Retaining washer	PTO2077	2
	PTO Shaft complete 1000rpm	PTO8079		23	Hub - 6 Spline	PTO1908	1
1	Cross journal kit	PTO2321	2	24	Ratchet tooth	PTO1911	3
2	Outer yoke	PTO1915	1	25	Spring	PTO1912	3
3	Spring tension pin 10 x 80mm	FAS4147	1	26	Spring push ring	PTO1906	1
4	Outer tube	PTO2705	1	27	Spring	PTO2713	1
5	Outer guard retaining ring	PTO2768	1	28	Sliding sleeve collar	PTO2712	1
6	Anchor chain	PTO2336	2	29	Outer circlip	PTO2711	1
7	Guard clip	PTO2707	4	30	Inner guard retaining ring	PTO2769	1
8	Inner tube	PTO2706	1	31	Pull back collar set	PTO2771	1
9	Spring tension pin 10 x 70mm	FAS4145	1	32	6 Spline yoke	PTO2775	1
10	Inner yoke	PTO1918	1		21 Spline yoke	PTO2784	1
11	Flanged yoke	PTO2070	1	33	Pull back collar set	PTO2937	1
12	Bush	PTO2071	1	34	Clutch assembly	PTO2929	1
13	Clutch plate 152.5 x 102	PTO2058	4	35	T60 Guard complete	PTO2936	1
14	Overrun clutch body	PTO2072	1				
15	Inner plate	PTO2073	2				
16	Intermediate plate	PTO2074	1				
17	Pressure plate	PTO2075	1				
18	M10 x 100mm Bolt	FAS2065	8				
19	Spring	PTO2076	8				
20	M10 Locknut	FAS2333	8				
21	Inner circlip	FAS7112	2				

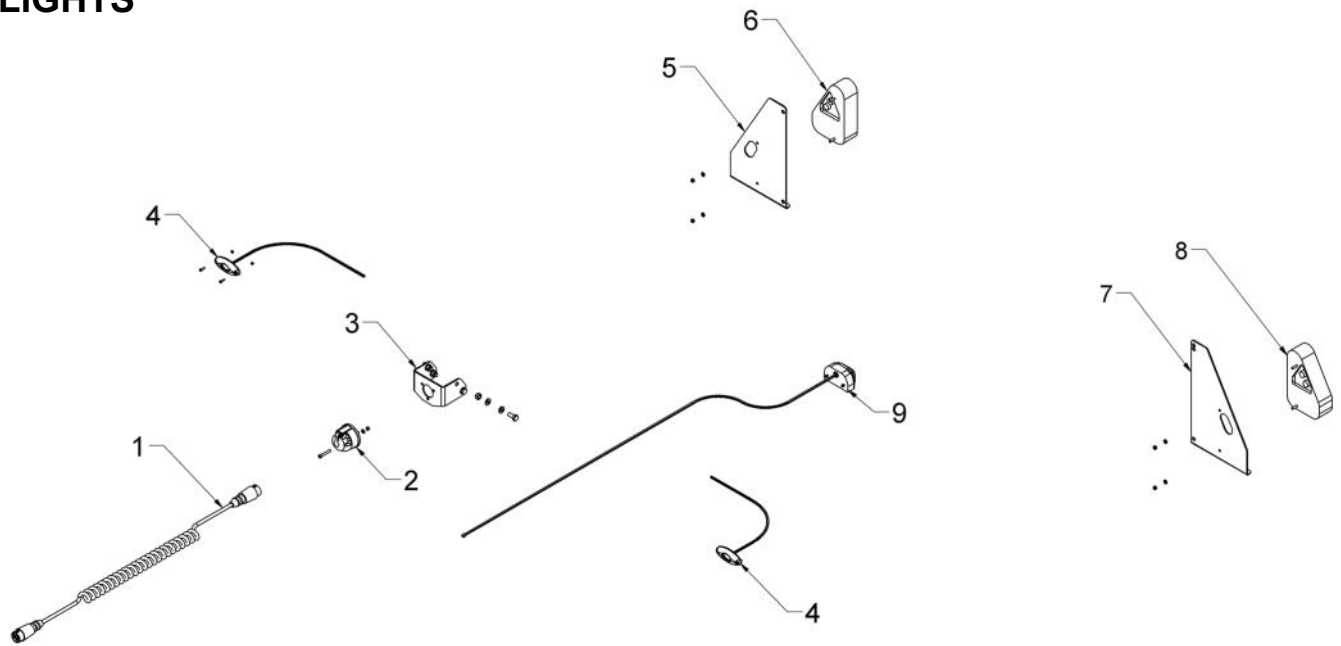
* Spring length to give correct slip clutch setting
Minimum torque setting 1200Nm - 35.0mm
Maximum torque setting 1400Nm - 32.5mm

COMER PTO SHAFT – WIDE ANGLE C.V. JOINT FOR TRAILED MACHINES



Ref.	Description	Part No.	Q'ty.	Ref.	Description	Part No.	Q'ty.
	PTO Shaft complete 540rpm	PTO8085		24	Spring push ring	PTO1906	1
	PTO Shaft complete 1000rpm	PTO8088		25	Spring	PTO2713	1
1	Cross journal kit - c.v. joint	PTO1975	2	26	Sliding sleeve collar	PTO2712	1
2	Outer yoke	PTO2728	1	27	Outer circlip	PTO2711	1
3	Spring tension pin 10 x 80mm	FAS4147	1	28	Spring	PTO1912	3
4	Outer cap	PTO2729	1	29	Ratchet tooth	PTO1911	3
5	Wiper	PTO2731	1	30	Guard clip	PTO2707	4
6	Outer tube	PTO2730	1	31	Outer guard retaining ring	PTO2768	1
7	Inner tube	PTO2732	1	32	Inner guard retaining ring	PTO2769	1
8	Inner cap	PTO2733	1	33	Wide angle double yoke	PTO1911	1
9	Inner yoke	PTO2734	1	34	Collar kit set	PTO2937	1
10	Spring tension pin10 x 70	FAS4145	1	35	Clutch assembly	PTO2929	1
11	Flanged yoke	PTO2070	1	36	6 Spline wide angle collar yoke	PTO2721	1
12	Bush	PTO2071	1		21 Spline wide angle collar yoke	PTO2059	1
13	Clutch plate 152.5 x 102	PTO2058	4	37	Anchor chain	PTO2336	2
14	Overrun clutch body	PTO2072	1	38	Cone guard set	PTO1974	1
15	Inner plate	PTO2073	2	39	T60 Guard complete (Does not include item 38)	PTO2936	1
16	Intermediate plate	PTO2074	1				
17	Pressure plate	PTO2075	1				
18	Bolt M10 x 100mm	FAS2065	8	*	<i>Spring length to give correct slip clutch setting</i> <i>Minimum torque setting 1200Nm - 35.0mm</i> <i>Maximum torque setting 1400Nm - 32.5mm</i>		
19	Spring	PTO2076	8				
20	M10 Locknut	FAS2333	8				
21	Inner circlip	FAS7112	2				
22	Retaining washer	PTO2077	2				
23	Hub - 6 spline	PTO1908	1				

LIGHTS

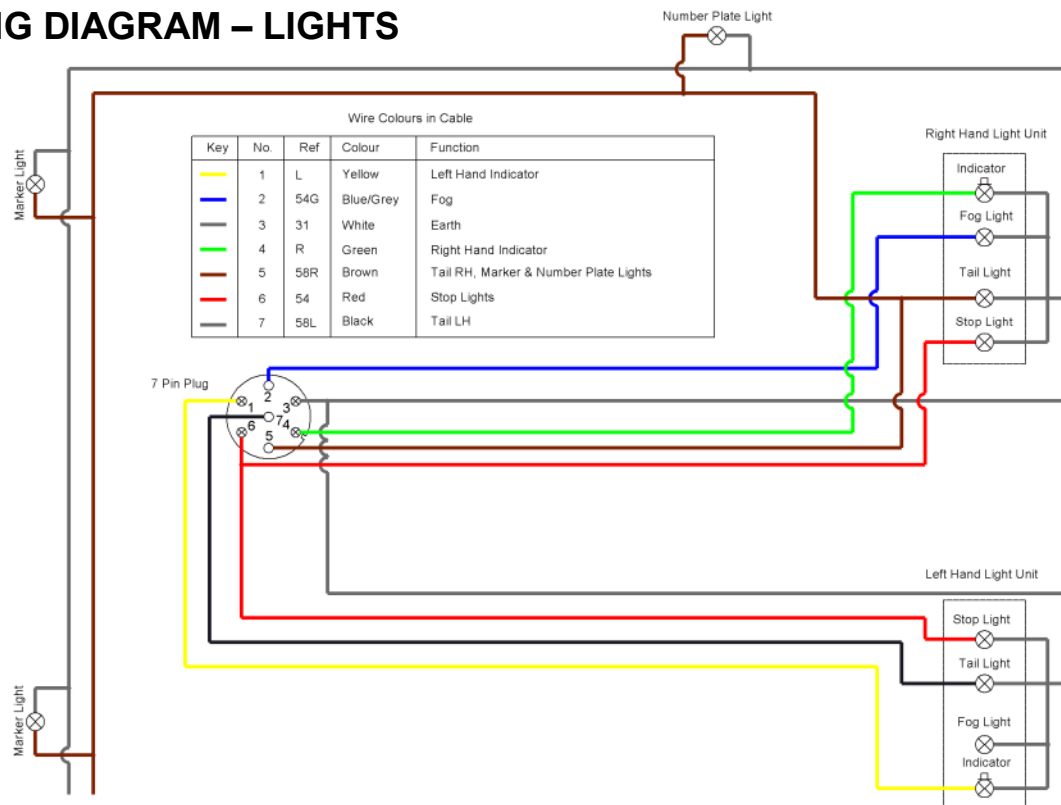


Ref	Description	Part No.	Q'ty.	Associated components	Part No.	Q'ty.
	Lighting kit complete (Excludes item 1)	SC4250	1			
1	Lighting loom (Includes Items 2,4,6,8 & 9)	EC1128	1			
1	Tractor to machine lead - Europe	EC1101	1			
	Tractor to machine lead - America	EC1123	1			
2	Pin socket	EC1102	1	Socket head cap screw M6 x40	FAS9523	3
				Plain washer M6	FAS2342P	3
				Locknut M6	FAS2330	3
3	7 Pin socket mounting bracket	SC4912	1	Setscrew M10 x 25	FAS2654P	4
				Plain washer M10	FAS2344P	8
				Locknut M10	FAS2333	4
4	Horizontal marker light	EC1129	2	Pan head screw M4 x 16	FAS2430S	4
				Locknut M4	FAS2329S	4
5	Rear light mount RH	SC4884	1			
6	Rear light unit RH	EC1105	1	Rear lens	EC1107	1
				Plain washer M6	FAS2342P	2
				Locknut M6	FAS2330	2
7	Rear light mount LH	SC4883	1			
8	Rear light unit LH	EC1104	1	Rear lens	EC1106	1
				Plain washer M6	FAS2342P	2
				Locknut M6	FAS2330	2
9	Number plate light	EC1110	1	Shakeproof washer M4	FAS2329P	2
				Plain nut M4	FAS2329P	2

NOTES

NOTES

WIRING DIAGRAM – LIGHTS

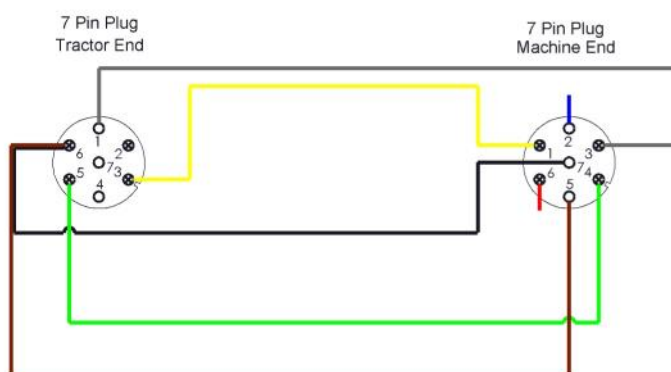


WIRING DIAGRAM – TRACTOR LEAD

North America Wire Colours in Cable

Key	No.	Ref	Colour	Function
—	1	WHT1	White	Earth
—	2	BLK2	Black	
—	3	YEL3	Yellow	Left Hand Indicator & Brake
—	4	RED4	Red	
—	5	GRN5	Green	Right Hand Indicator & Brake
—	6	BRN6	Brown	Tail Lights, Marker & Number Plate Lights
—	7	BLU7	Blue	

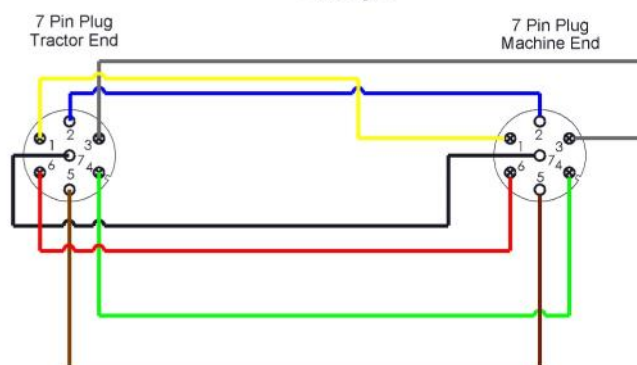
North America



Europe Wire Colours in Cable

Key	No.	Ref	Colour	Function
—	1	L	Yellow	Left Hand Indicator
—	2	54G	Blue/Grey	Fog
—	3	31	White	Earth
—	4	R	Green	Right Hand Indicator
—	5	58R	Brown	Tail RH, Marker & Number Plate Lights
—	6	54	Red	Stop Lights
—	7	58L	Black	Tail LH

Europe



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